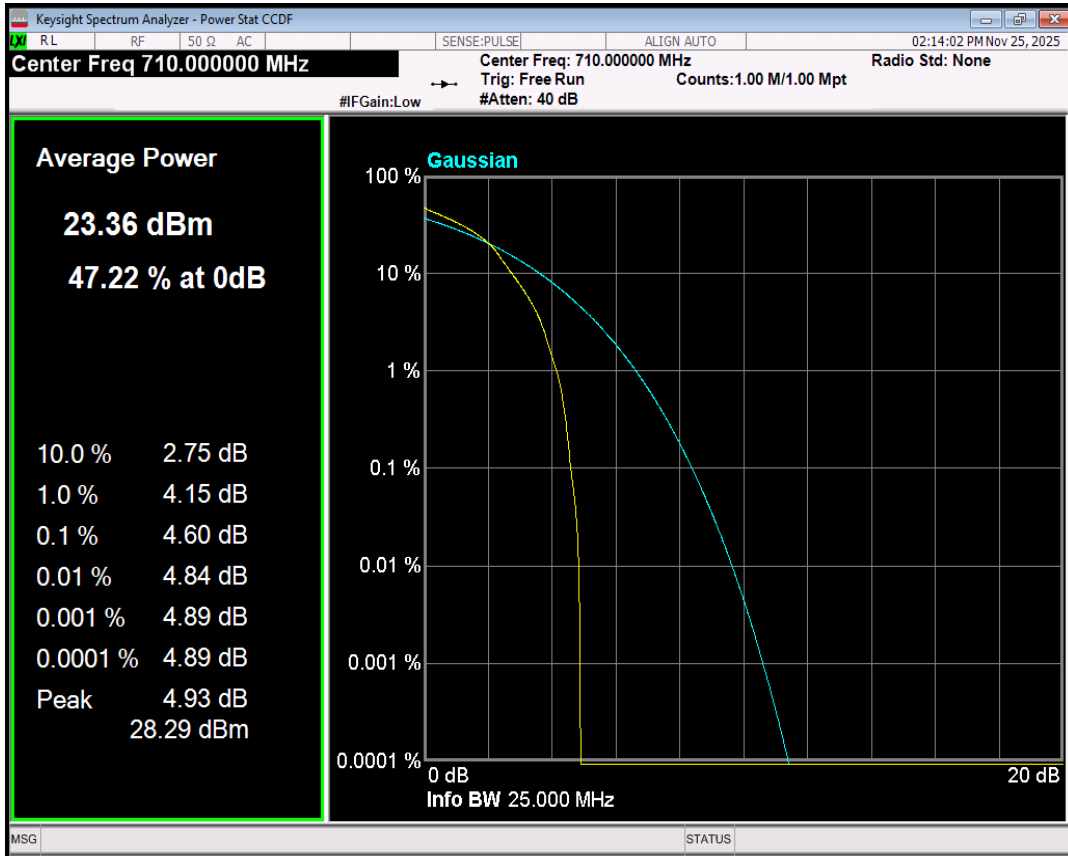
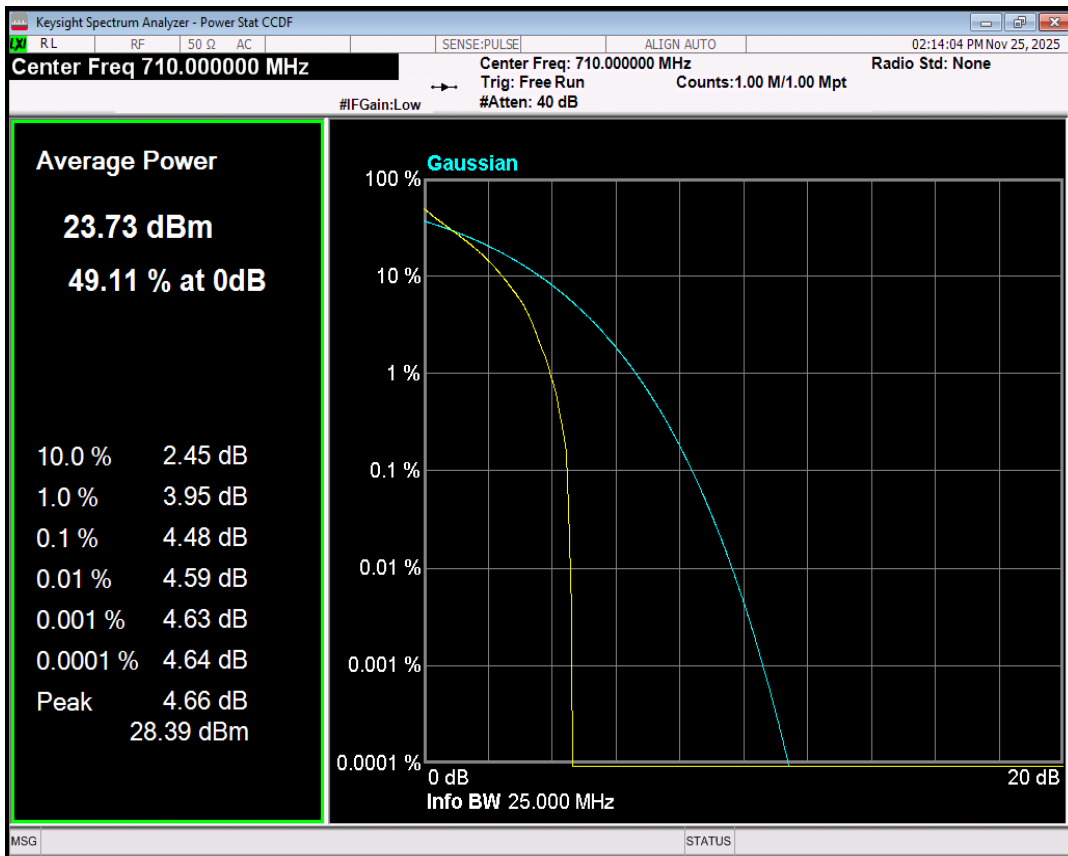
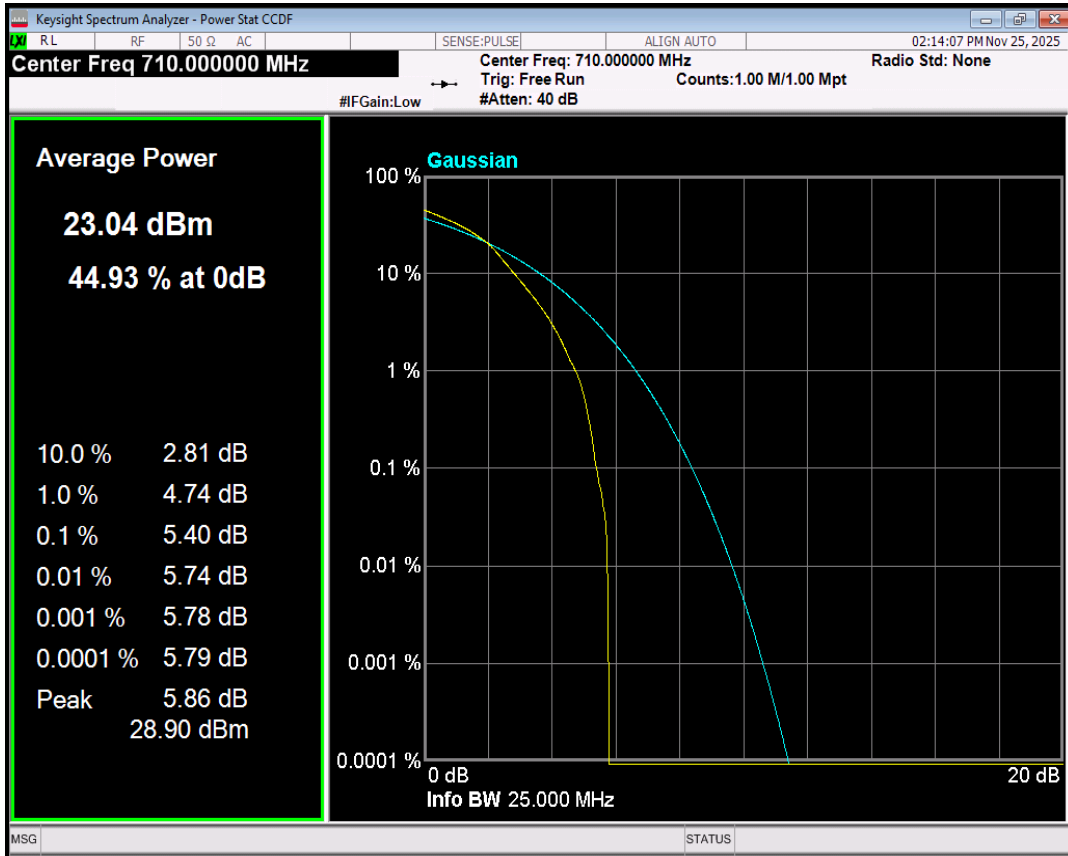




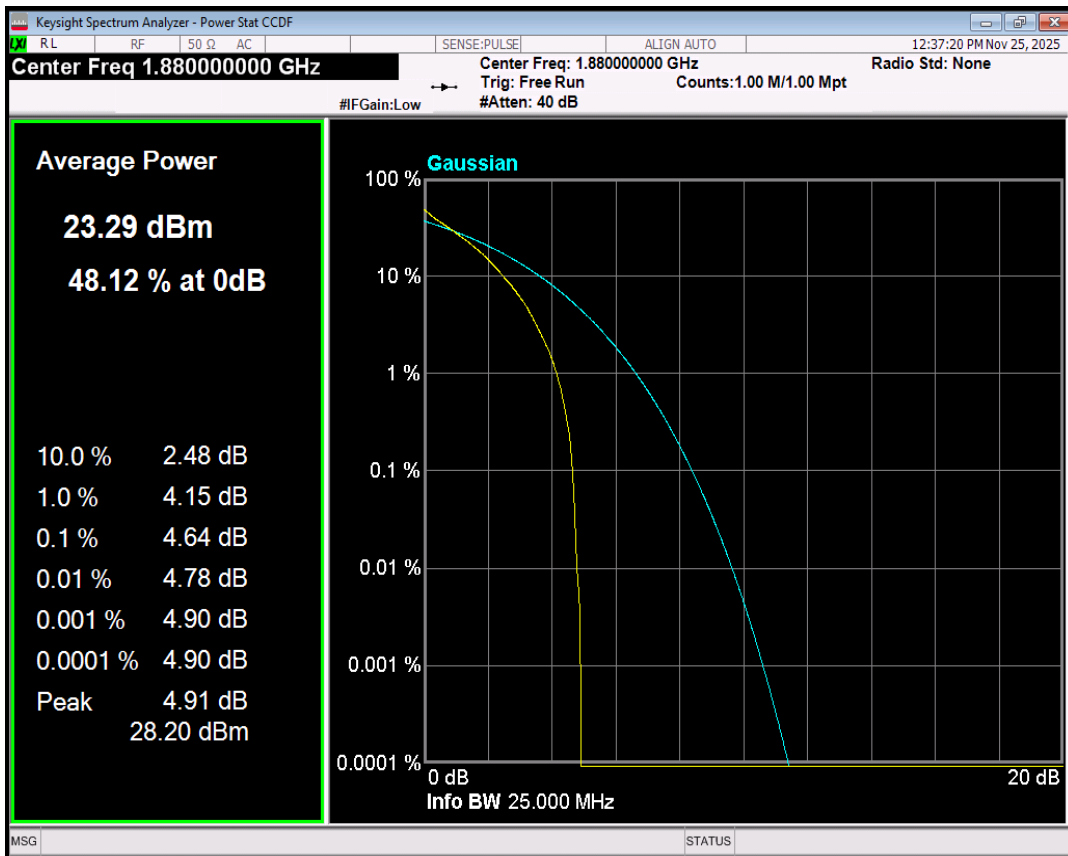
Band17 QPSK BW=10MHz Channel=23790 RB Size=1 Position=#0



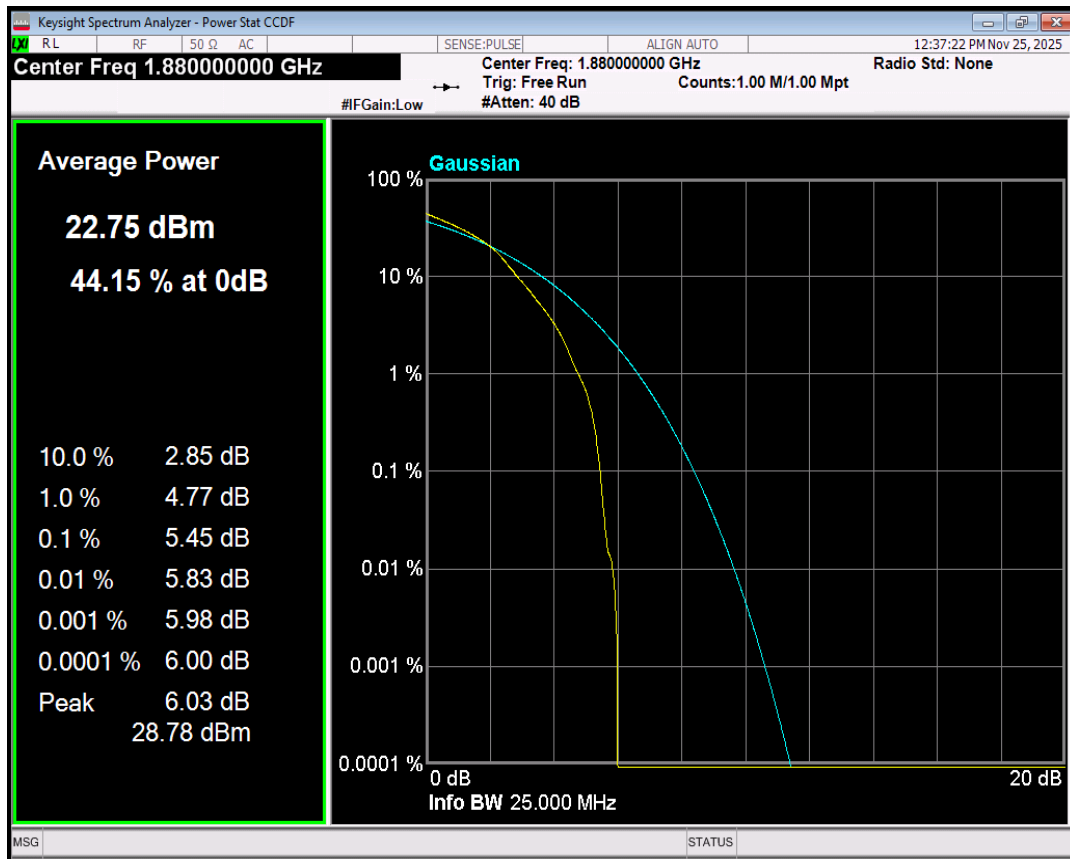
Band17 16QAM BW=10MHz Channel=23790 RB Size=1 Position=#0



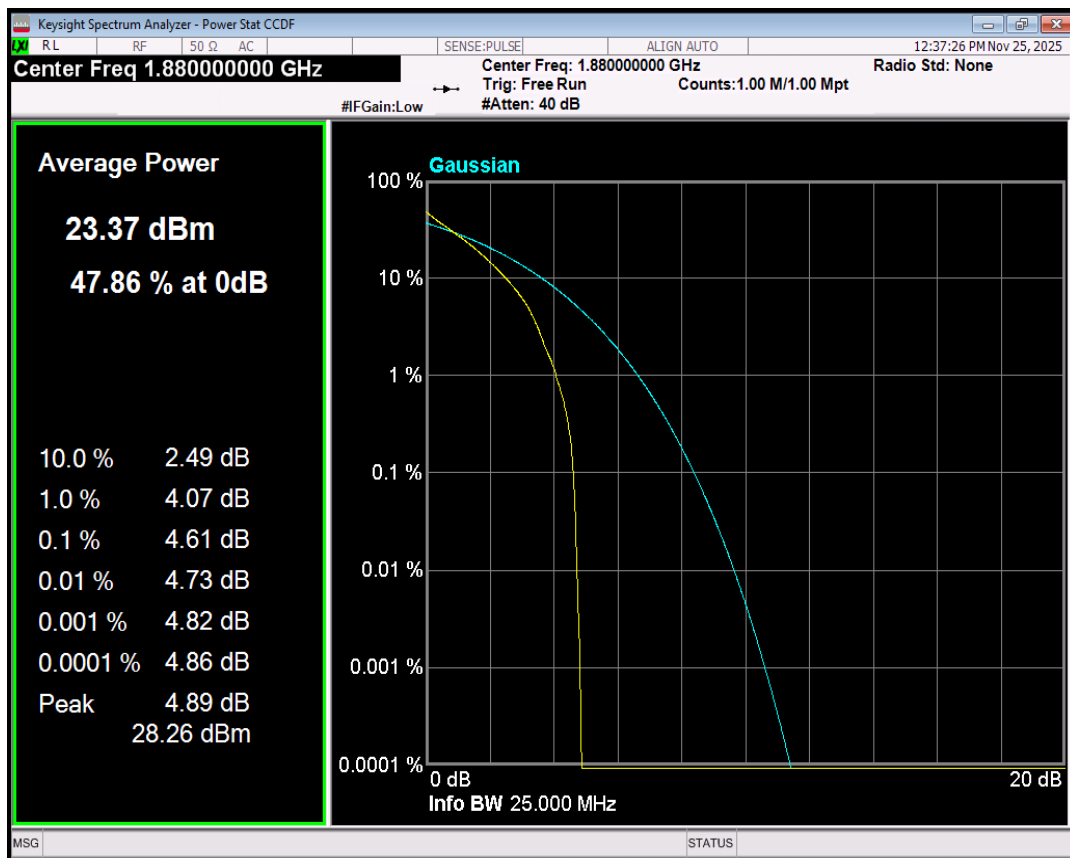
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



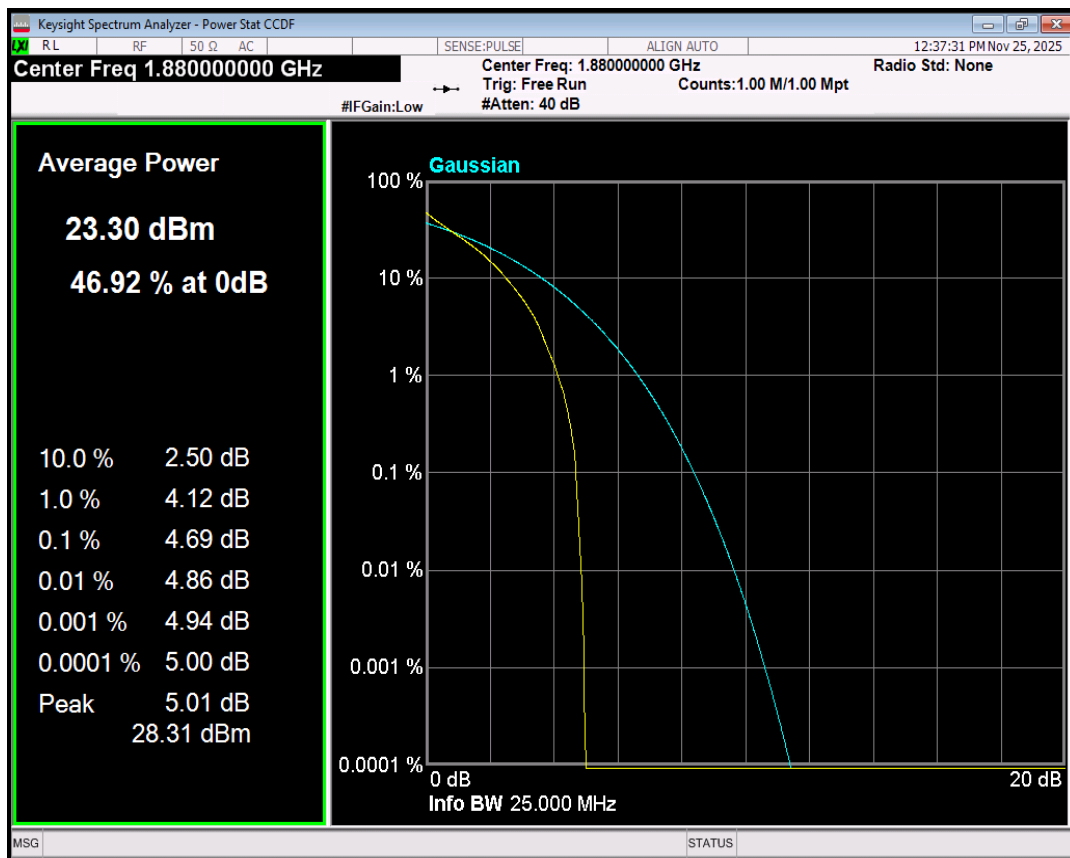
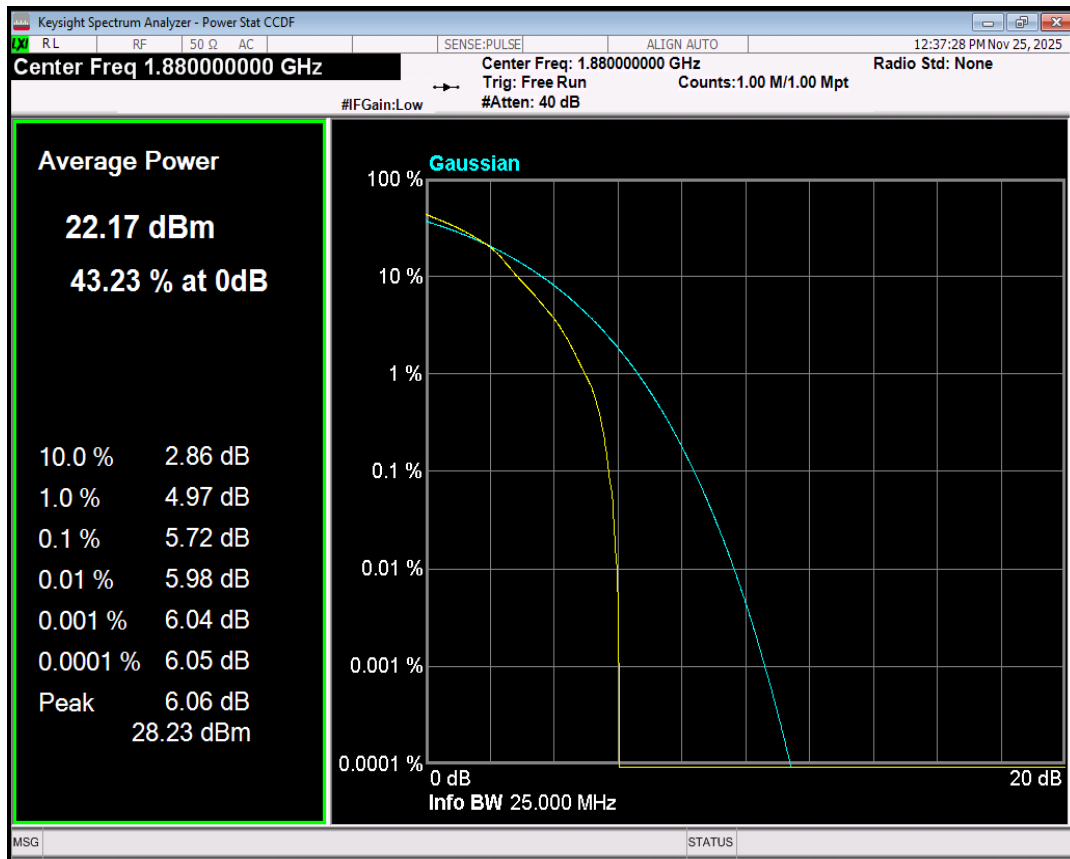
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0

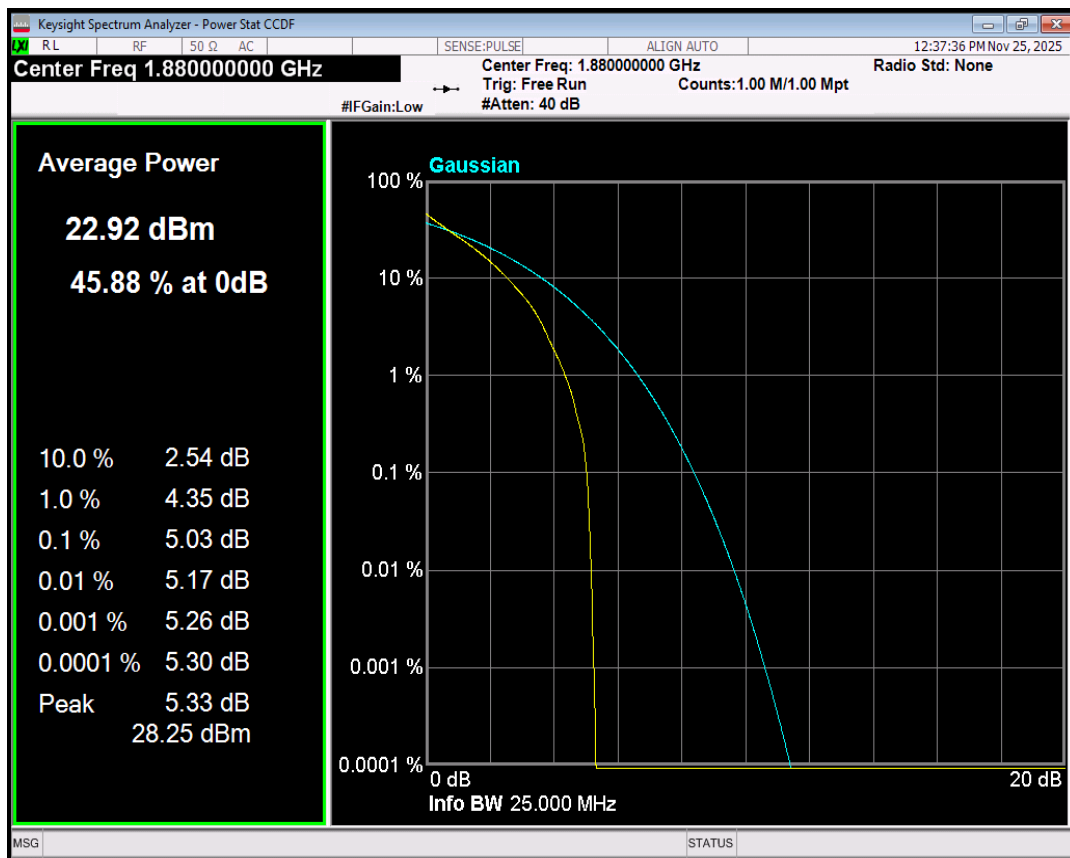
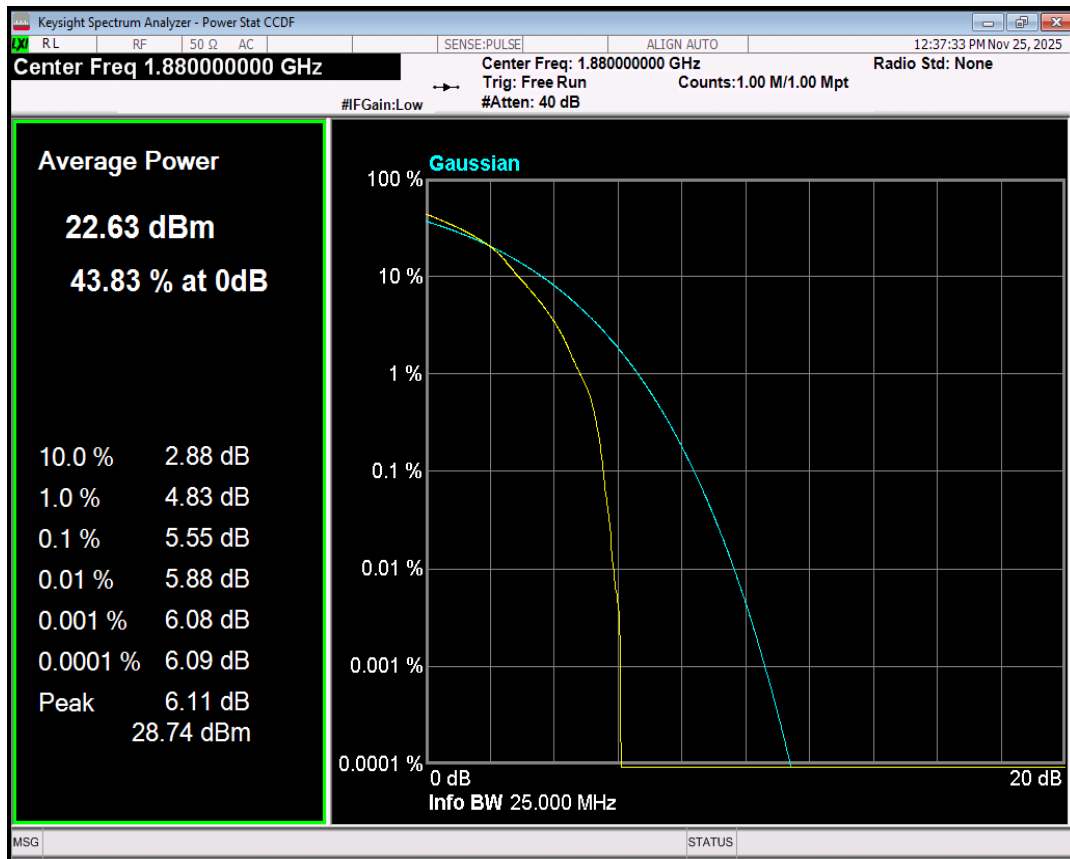


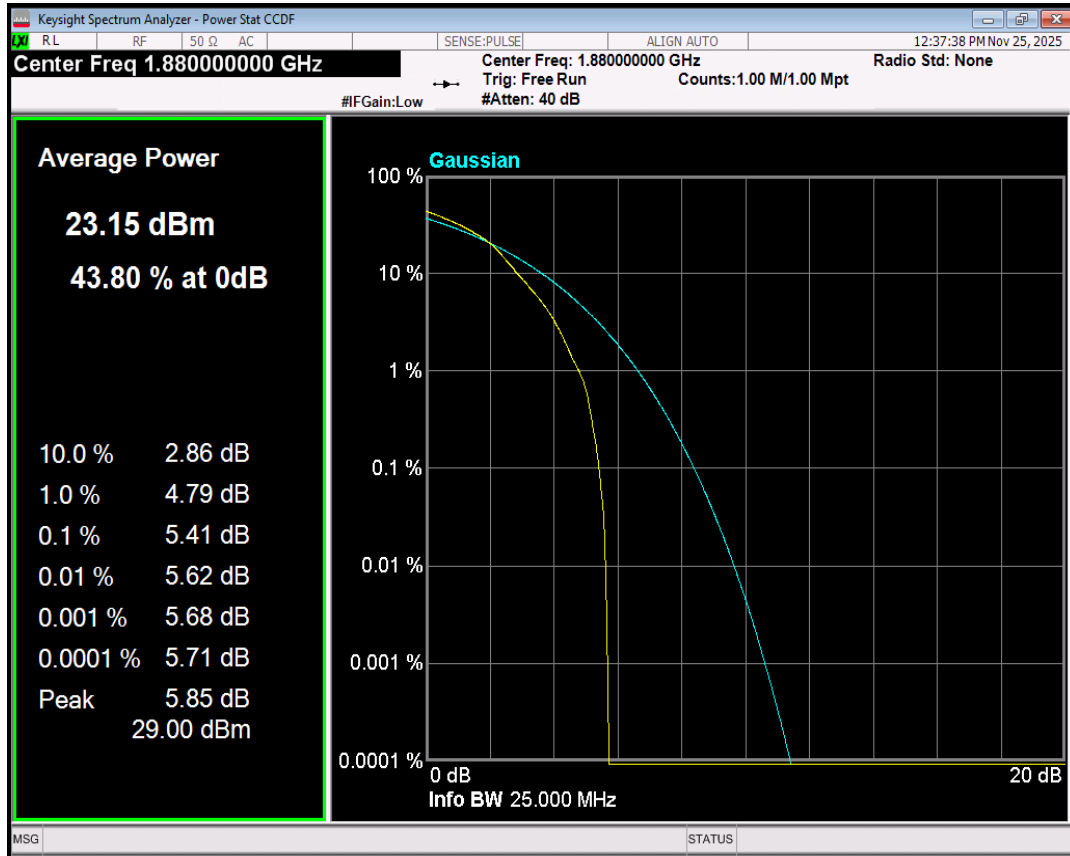
Band2 QPSK BW=3MHz Channel=18900 RB Size=1 Position=#0



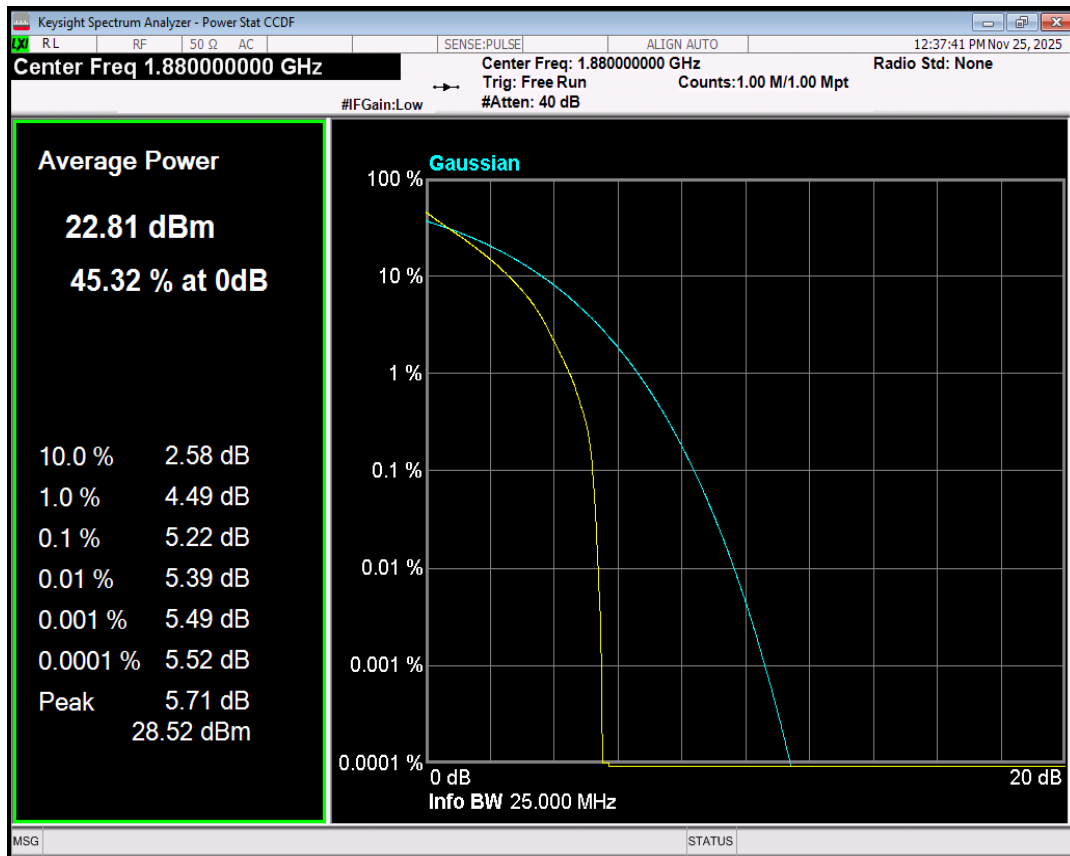
Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



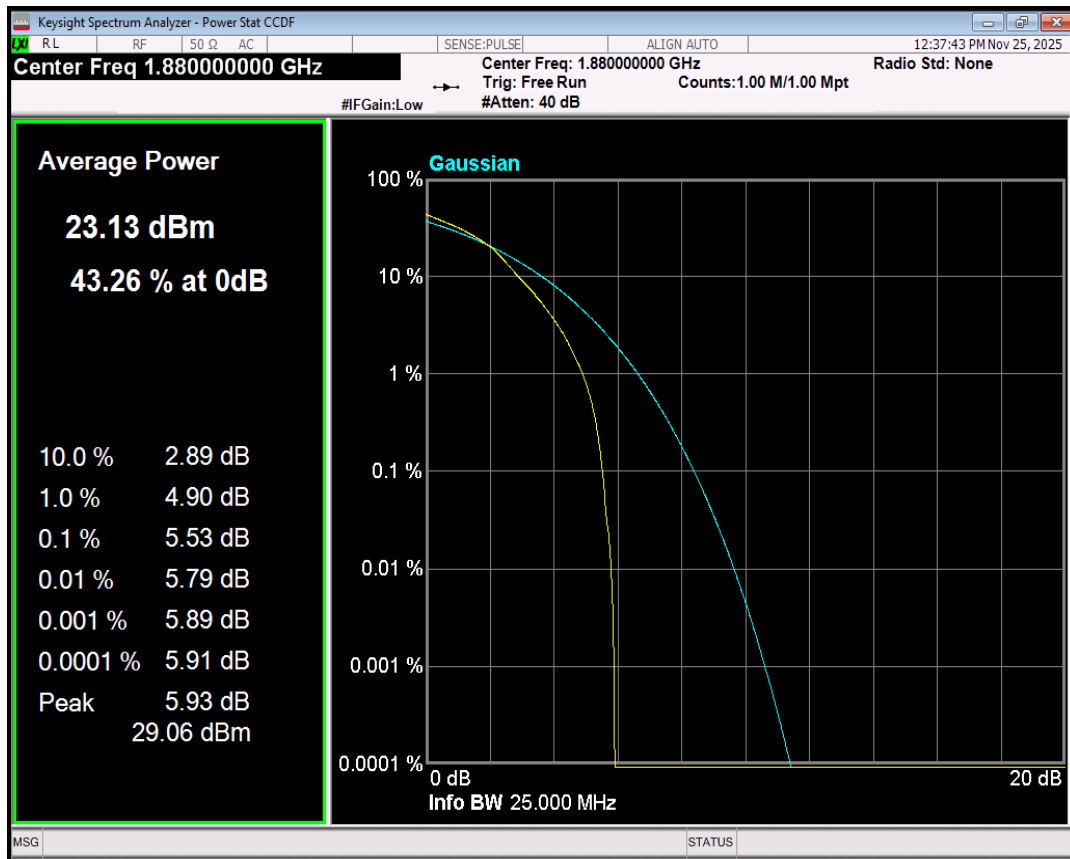




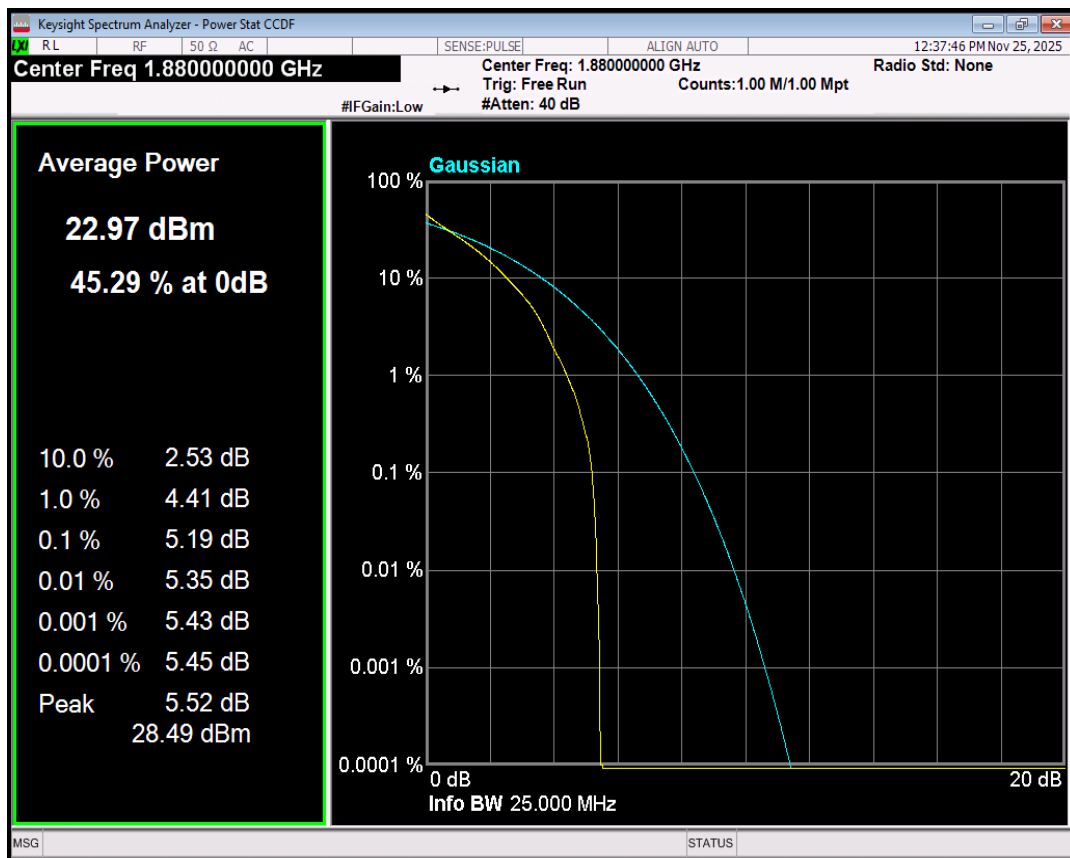
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



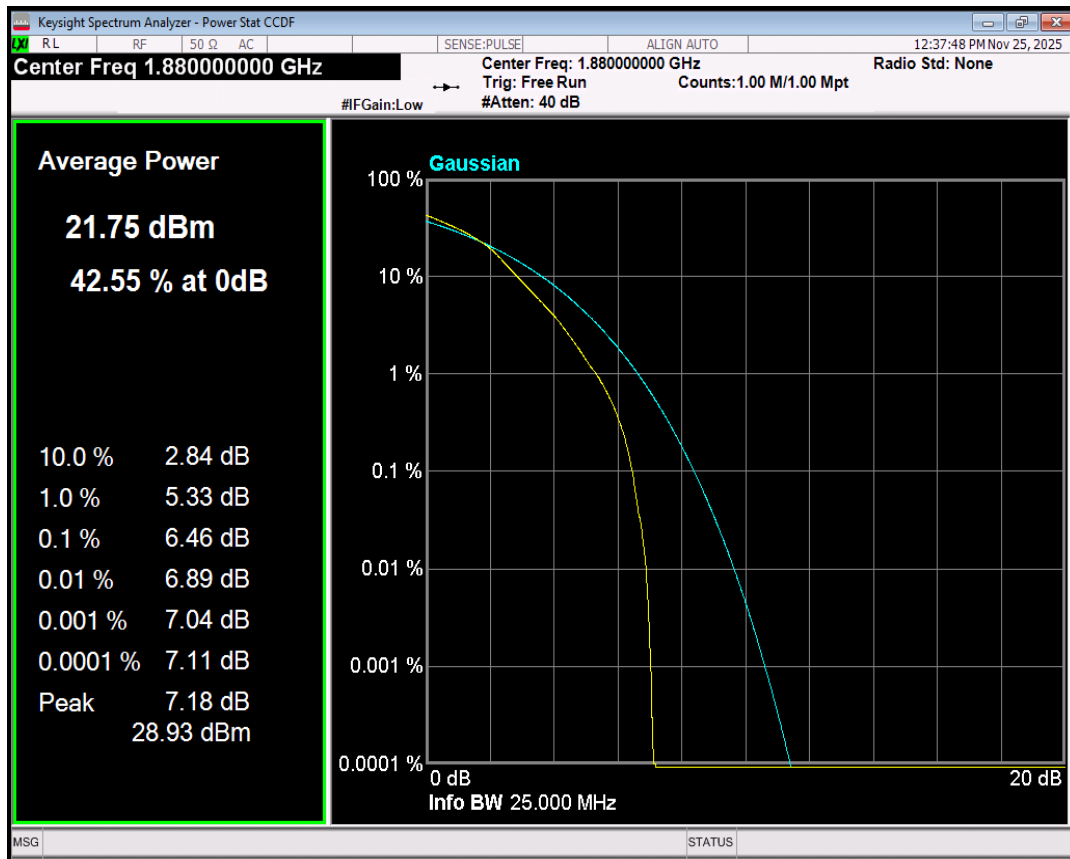
Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



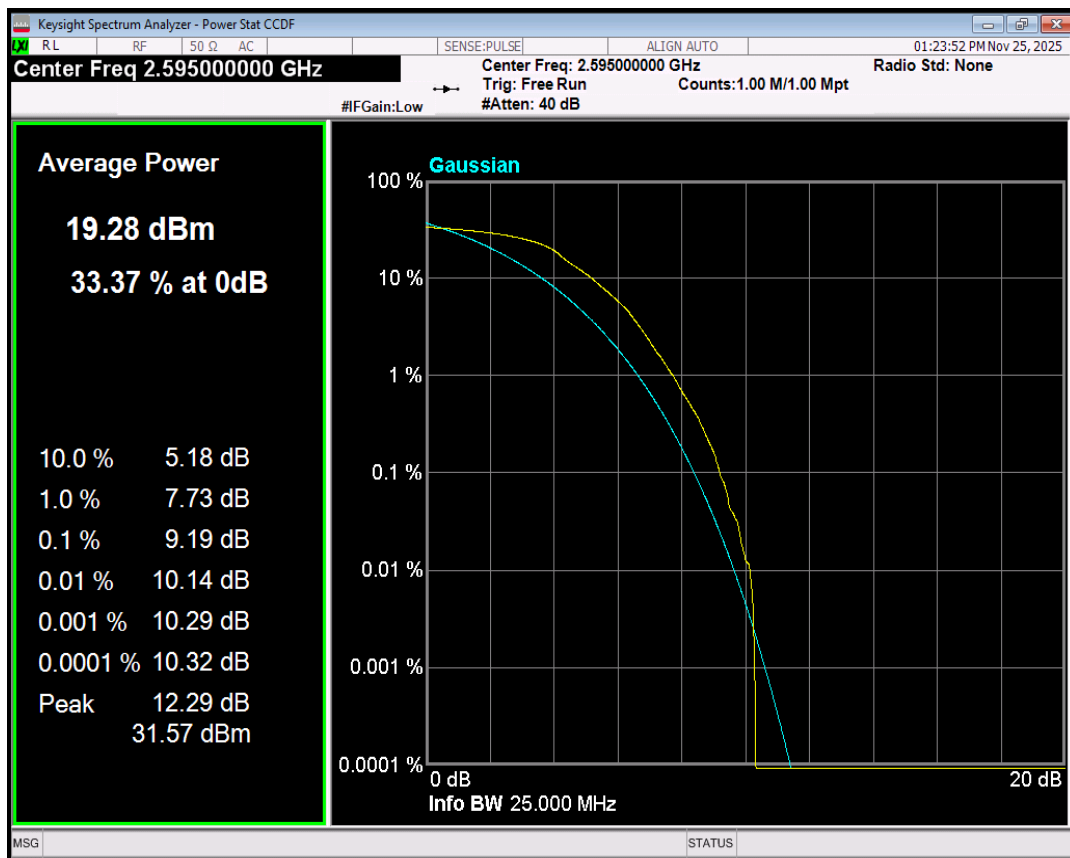
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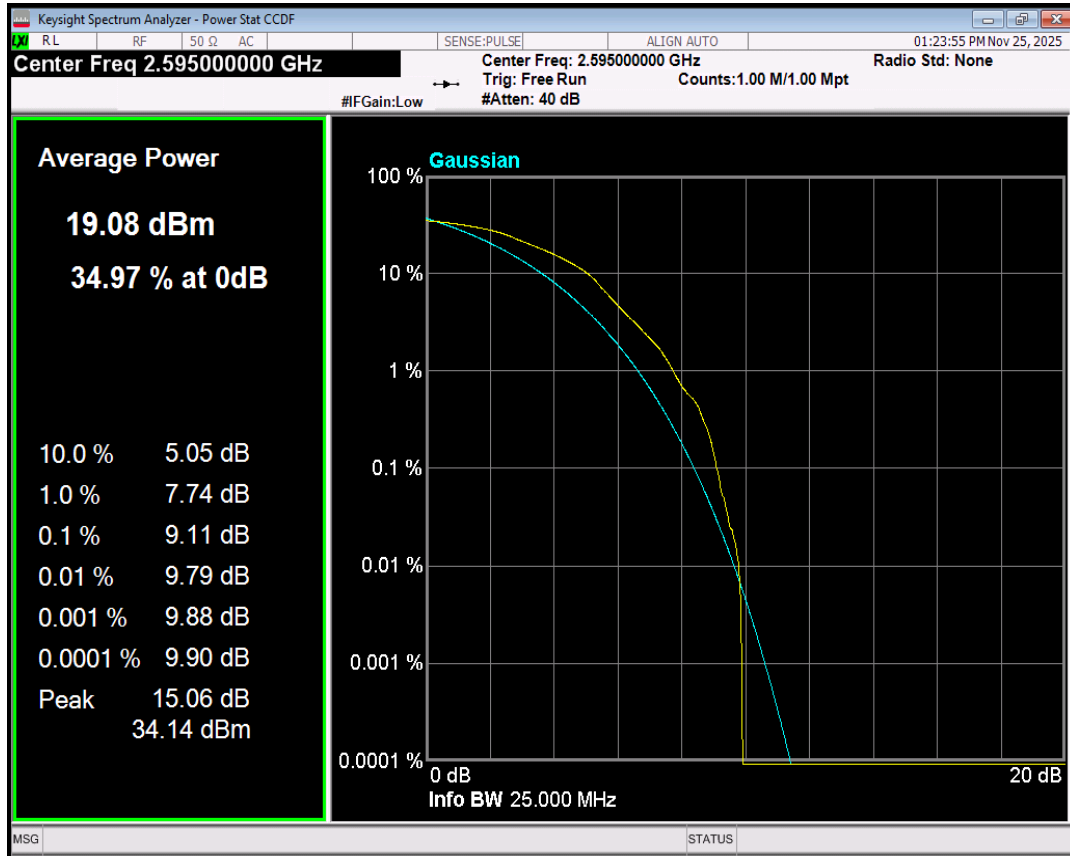
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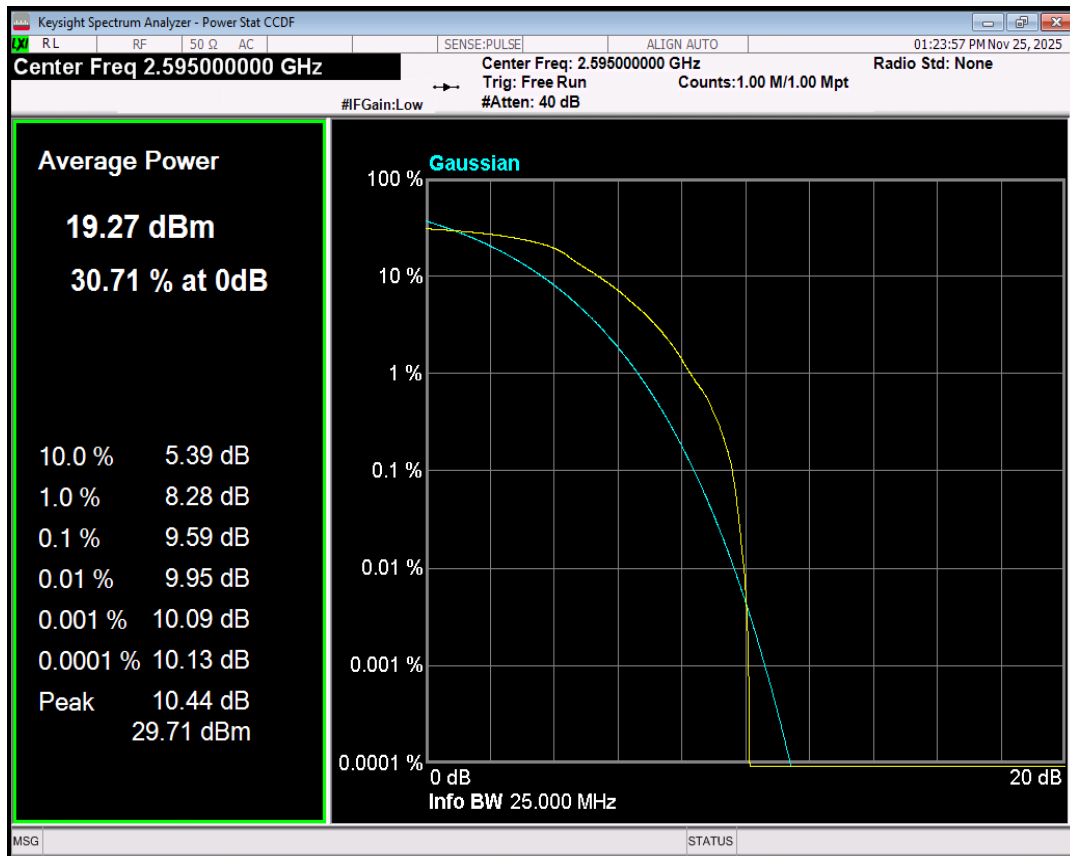
Band38 QPSK BW=5MHz Channel=38000 RB Size=1 Position=#0



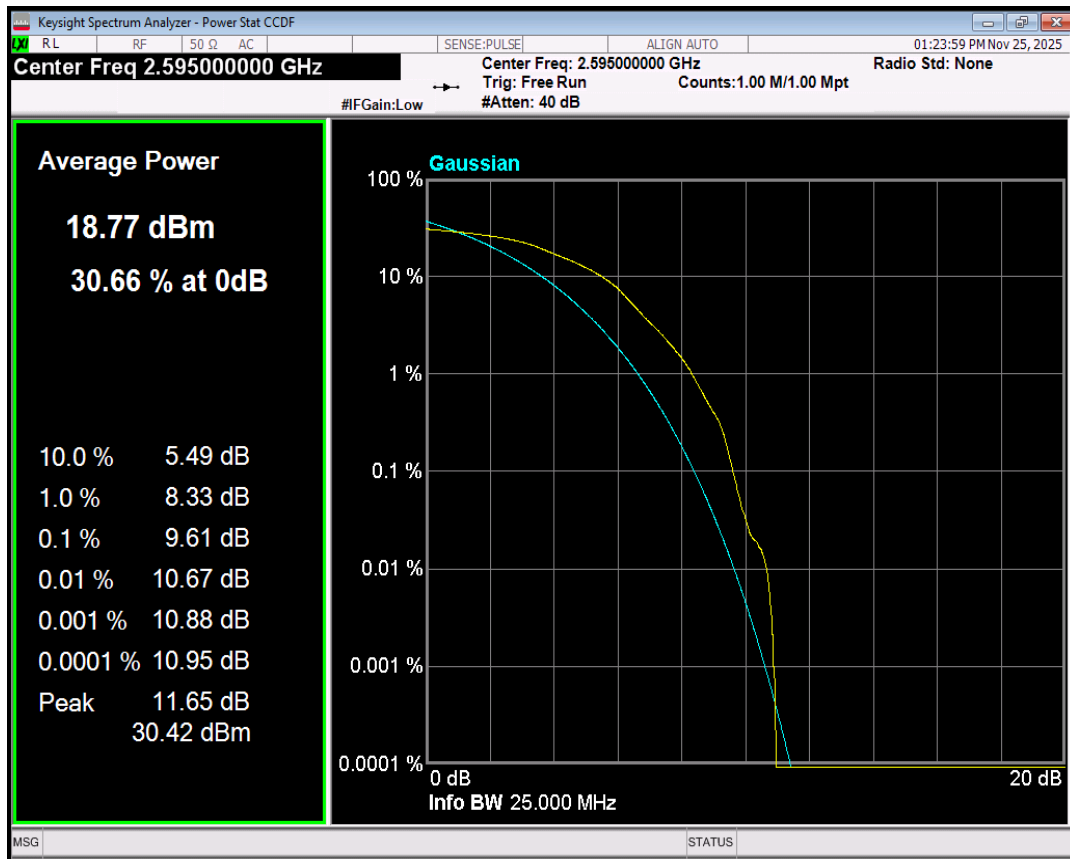
Band38 16QAM BW=5MHz Channel=38000 RB Size=1 Position=#0



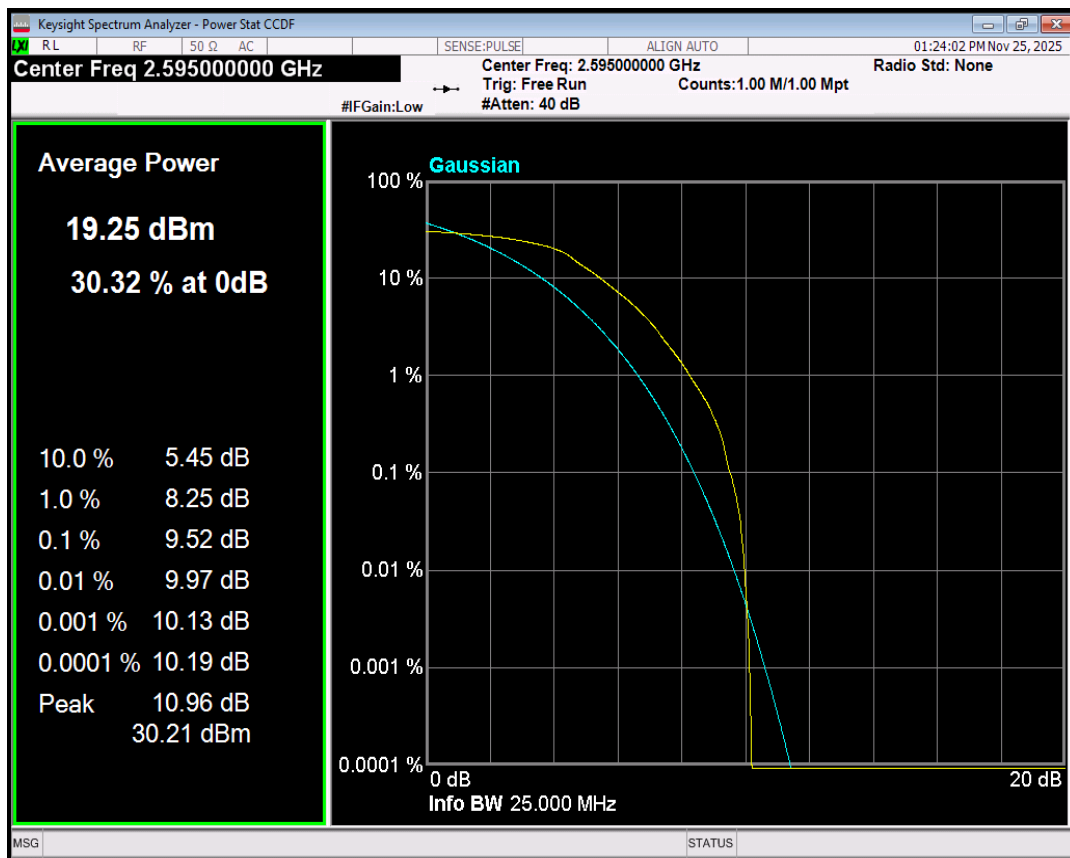
Band38 QPSK BW=10MHz Channel=38000 RB Size=1 Position=#0



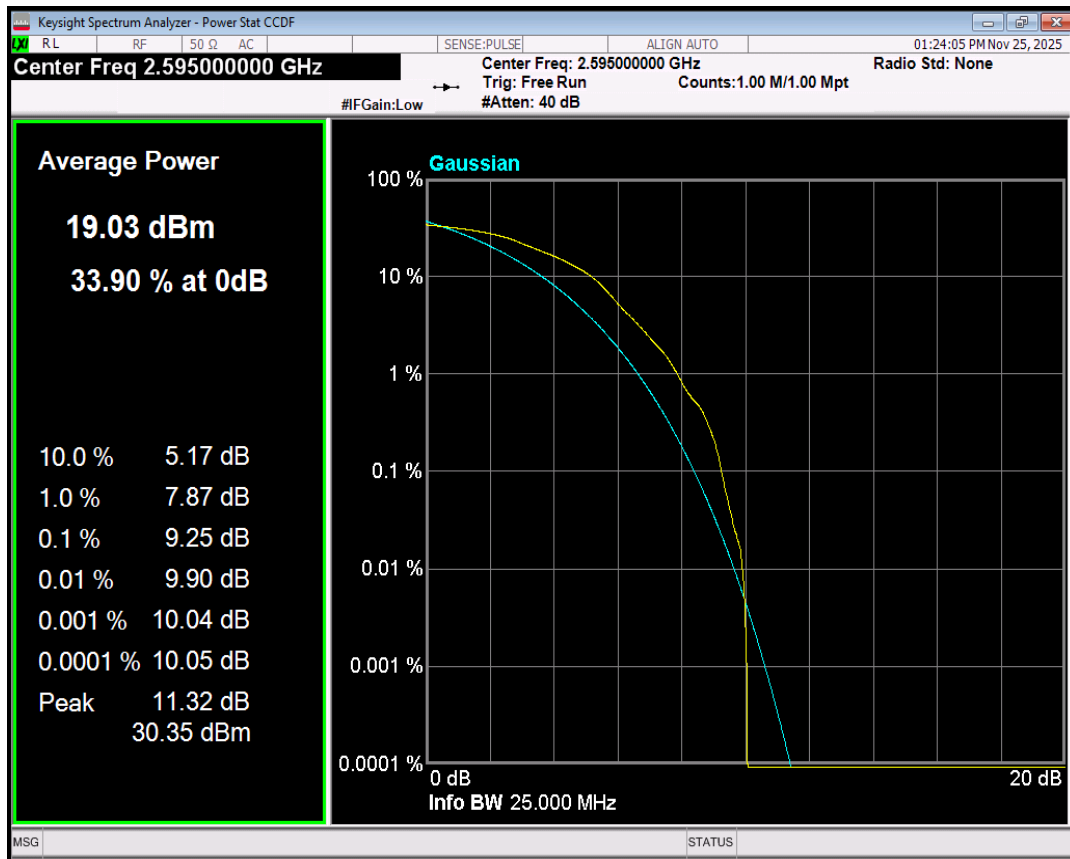
Band38 16QAM BW=10MHz Channel=38000 RB Size=1 Position=#0



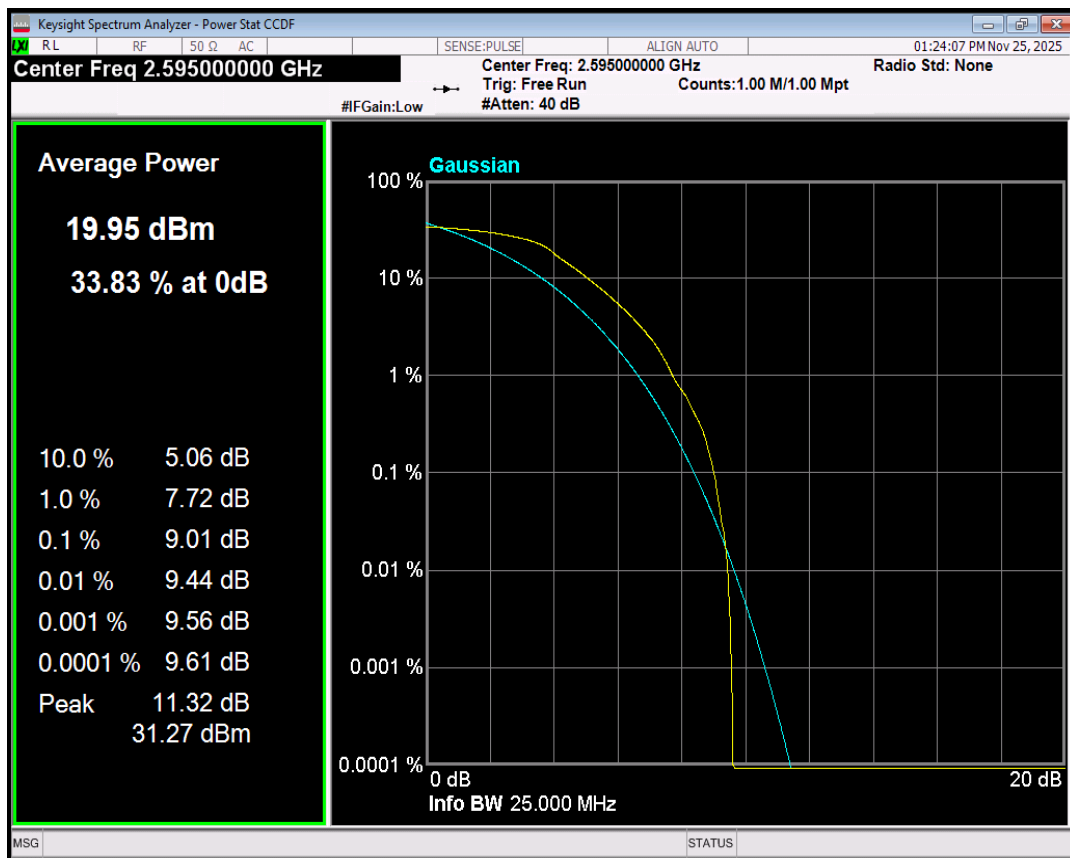
Band38 QPSK BW=15MHz Channel=38000 RB Size=1 Position=#0



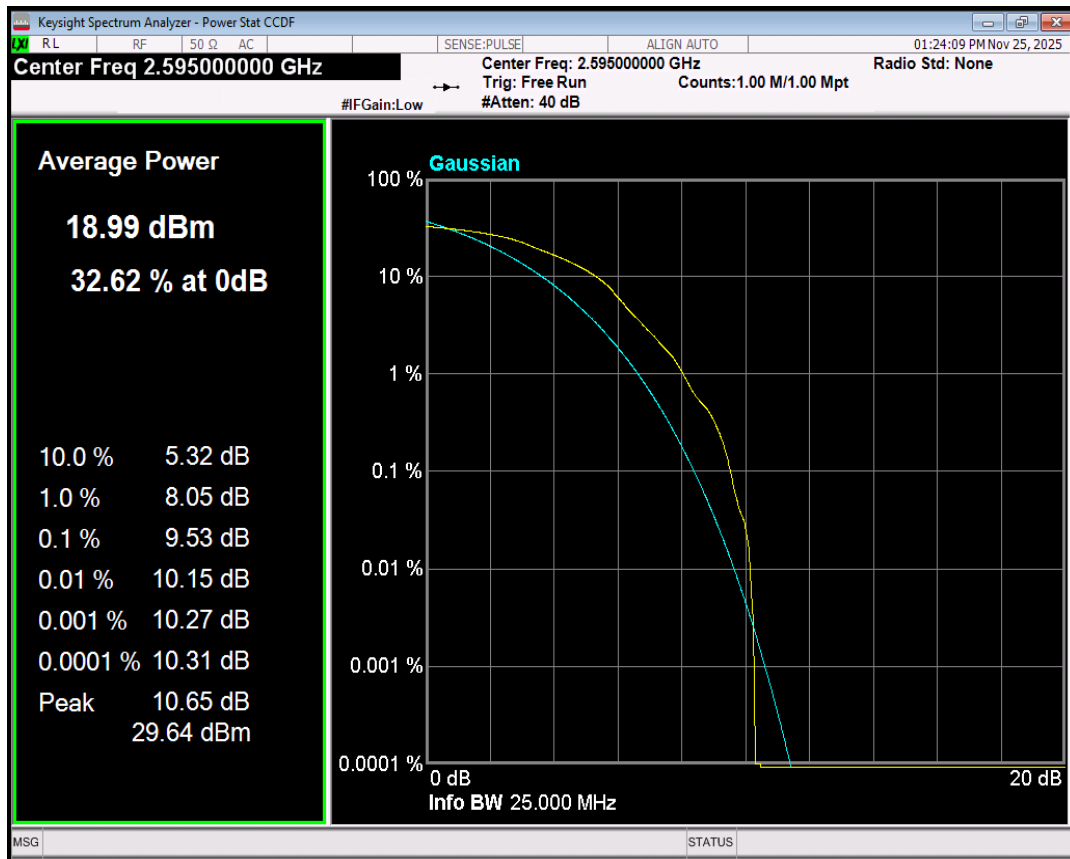
Band38 16QAM BW=15MHz Channel=38000 RB Size=1 Position=#0



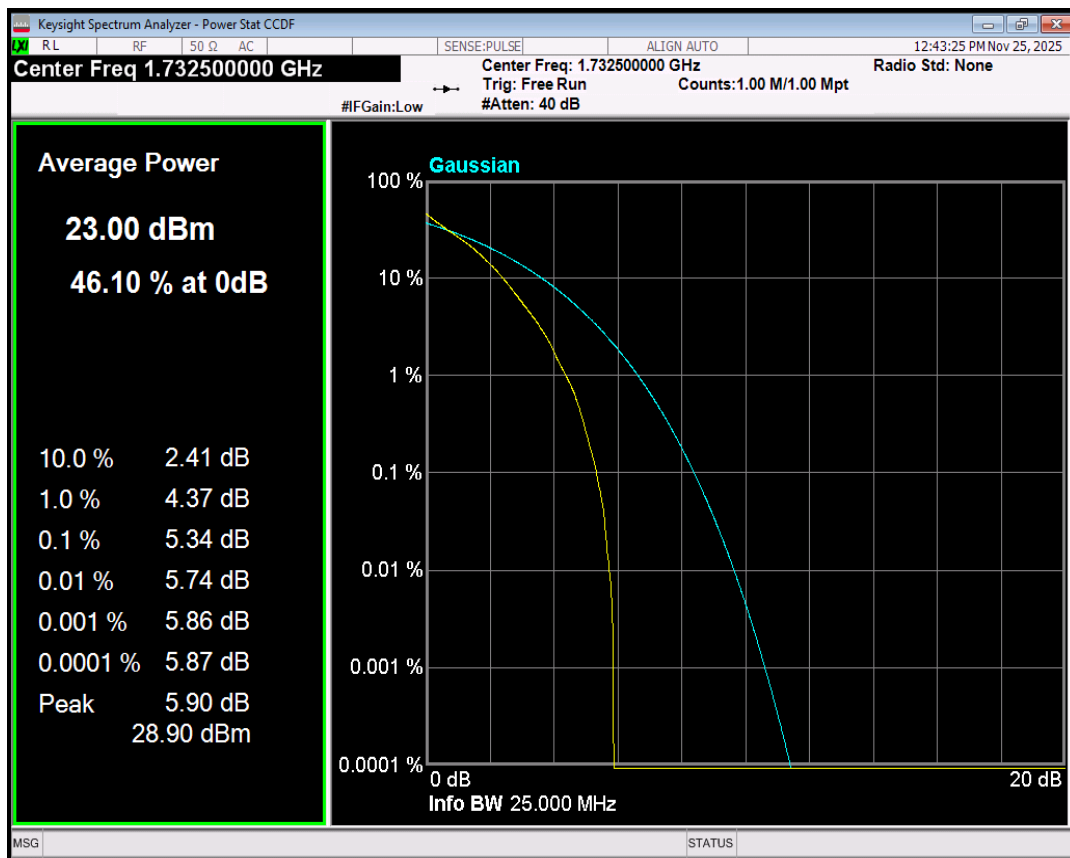
Band38 QPSK BW=20MHz Channel=38000 RB Size=1 Position=#0



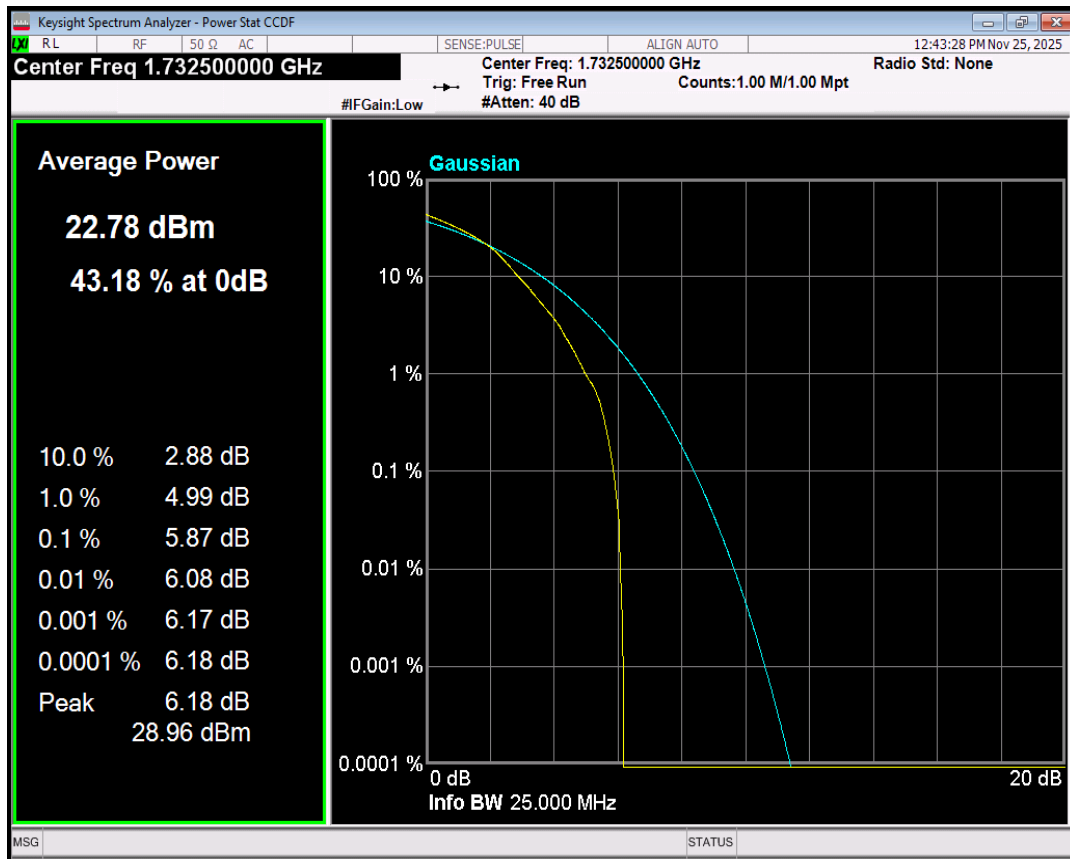
Band38 16QAM BW=20MHz Channel=38000 RB Size=1 Position=#0



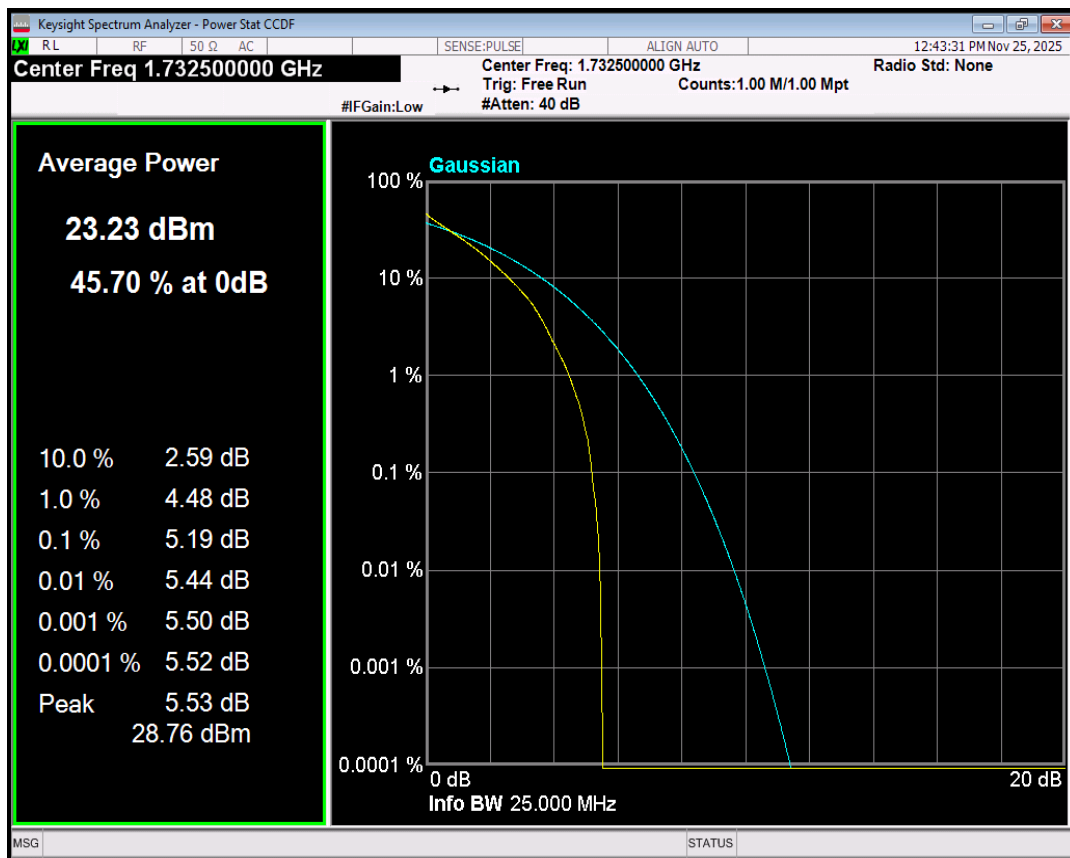
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



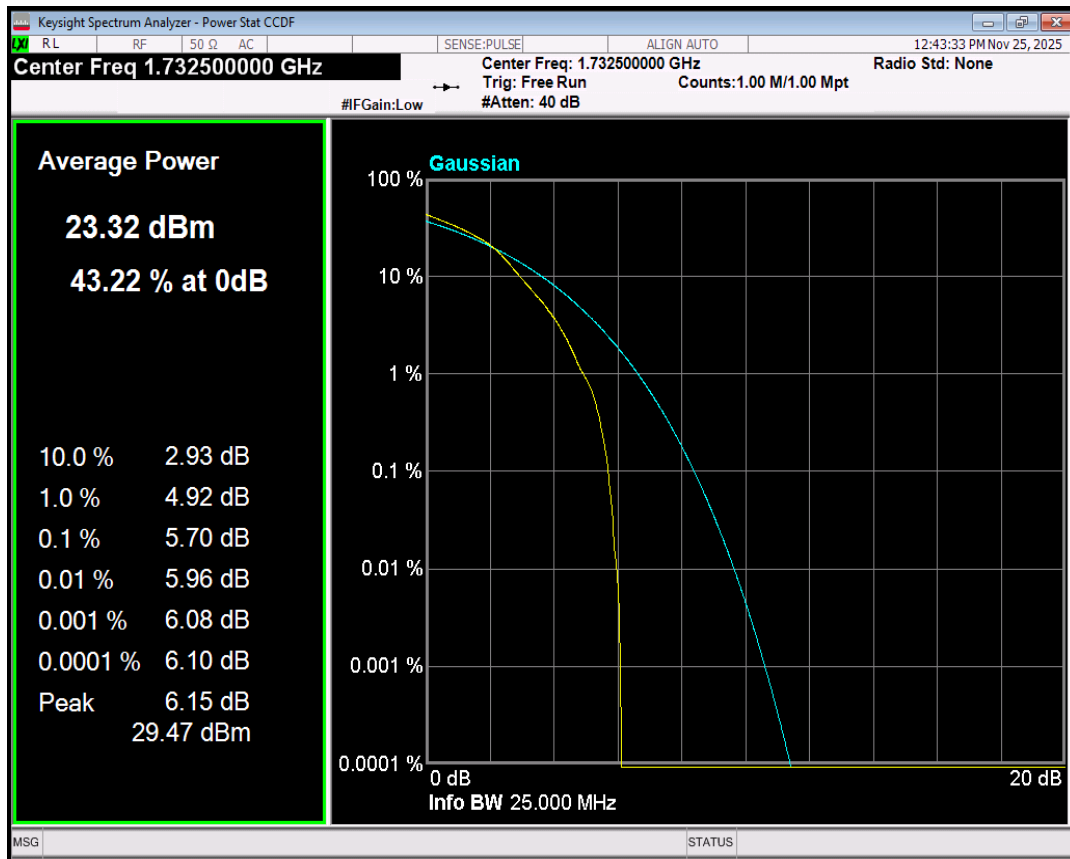
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



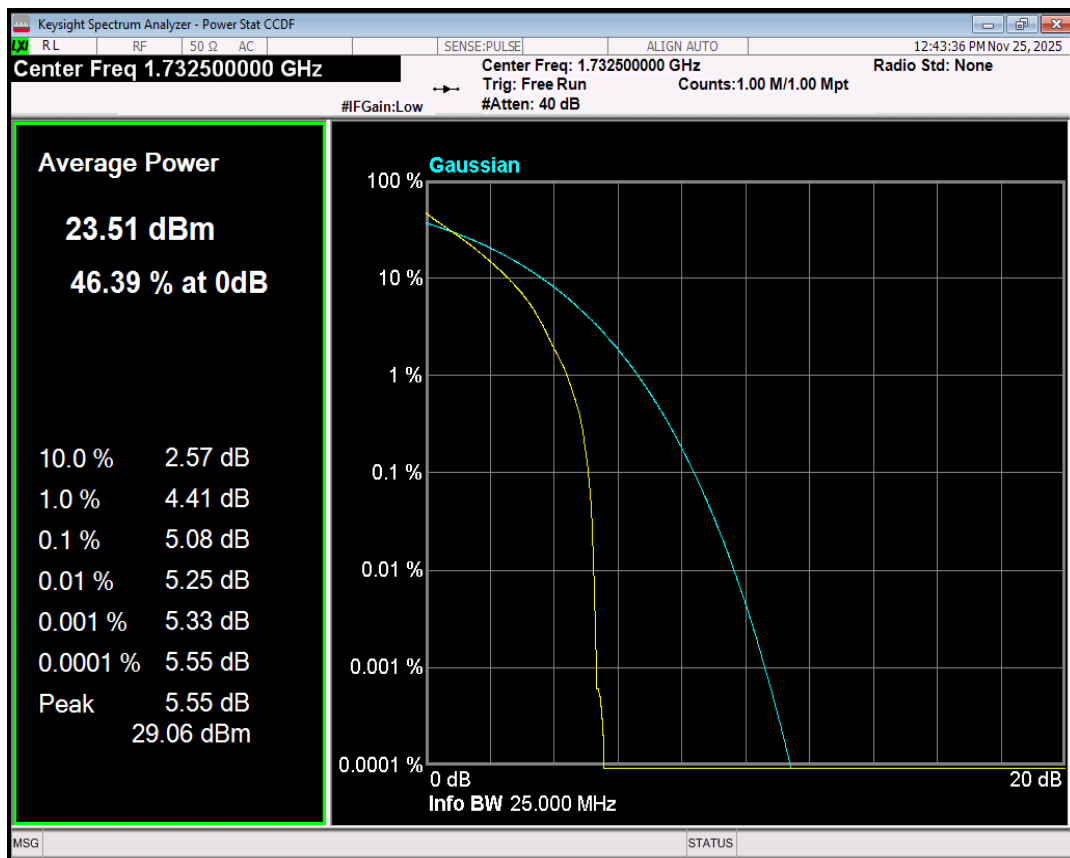
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



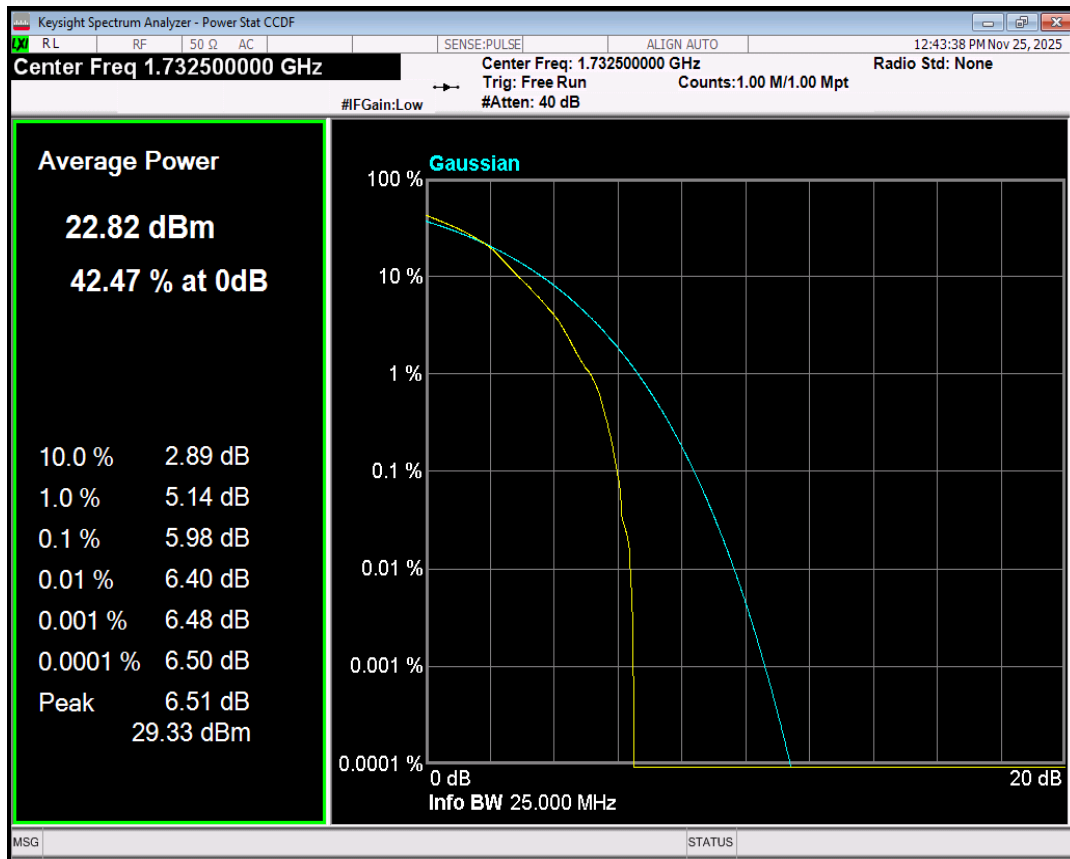
Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



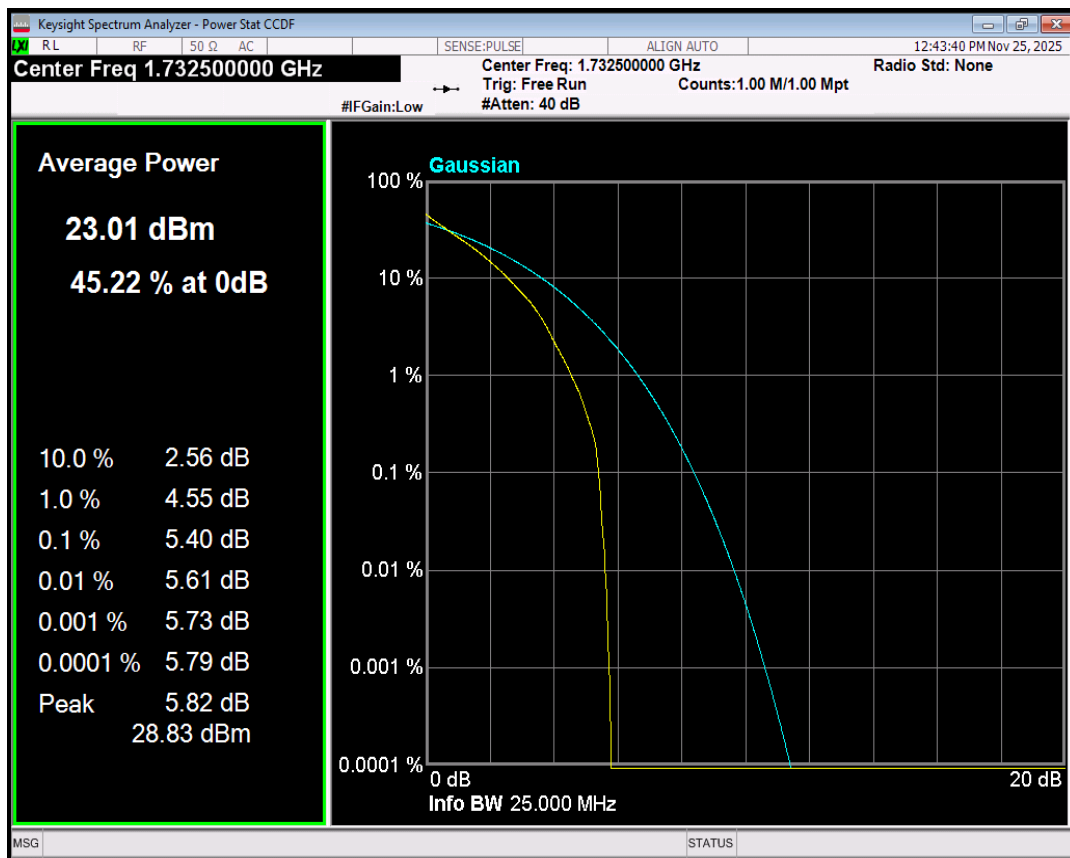
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



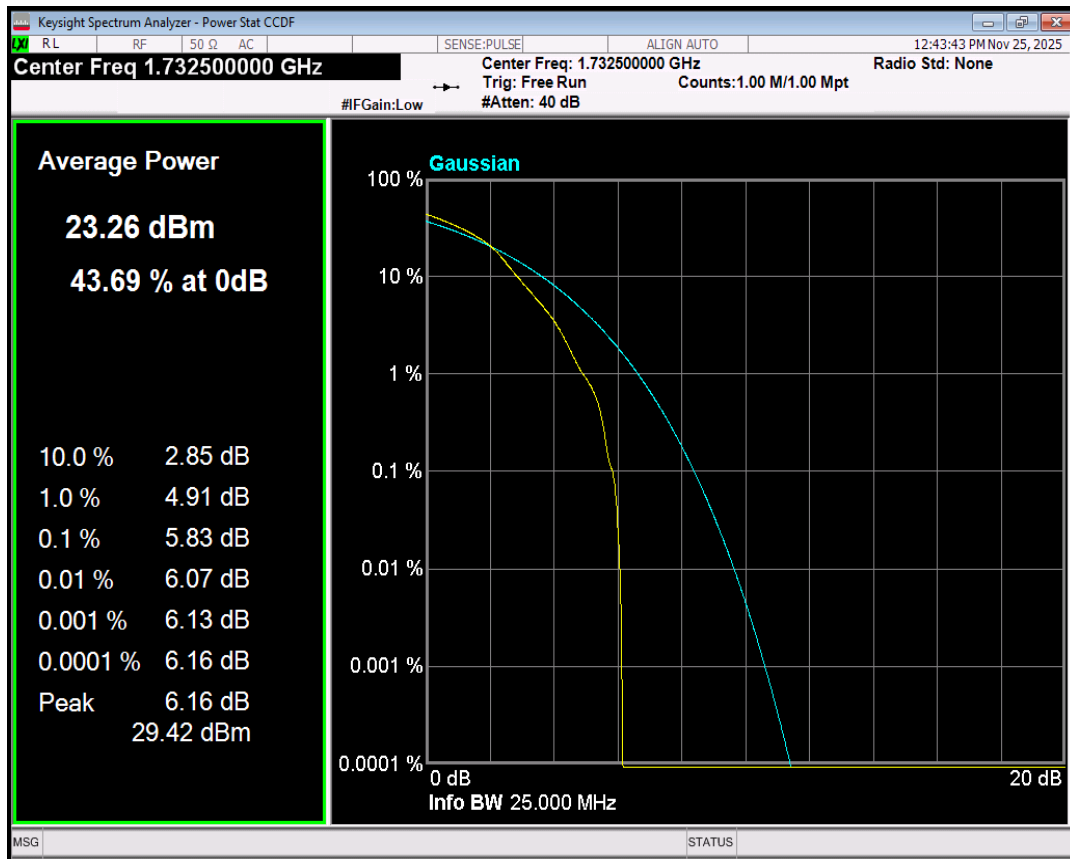
Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



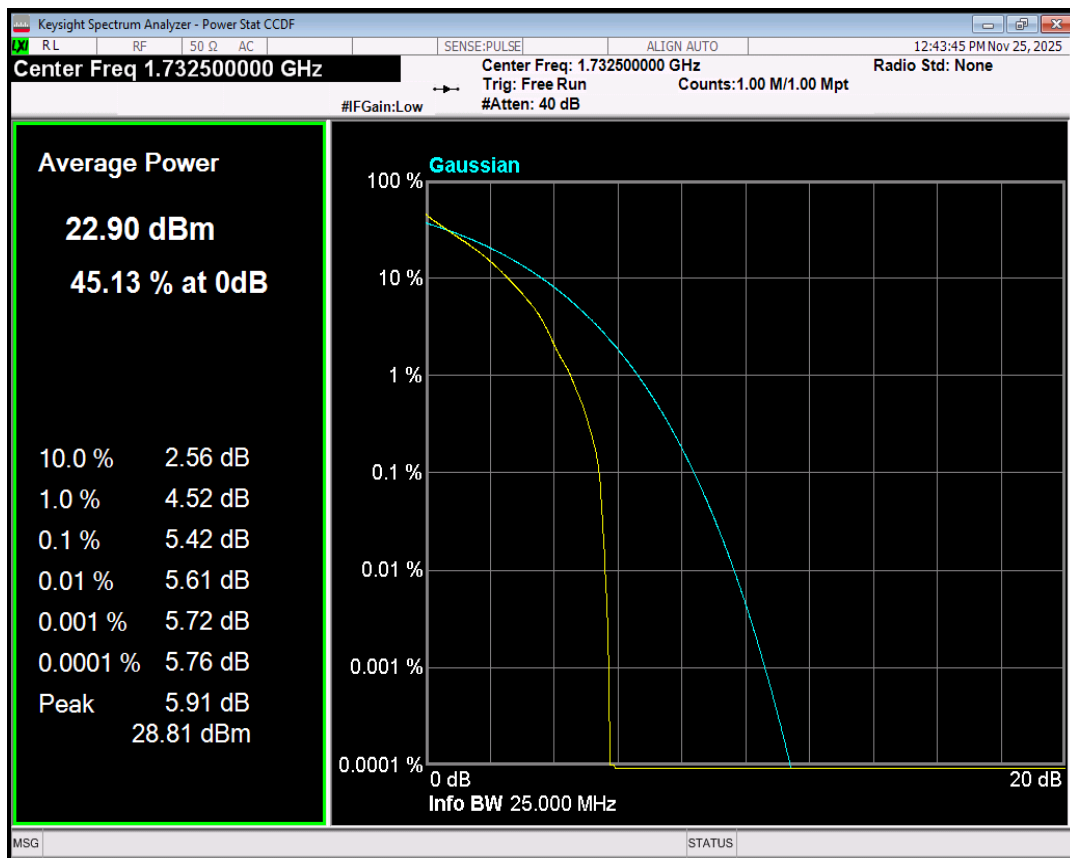
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



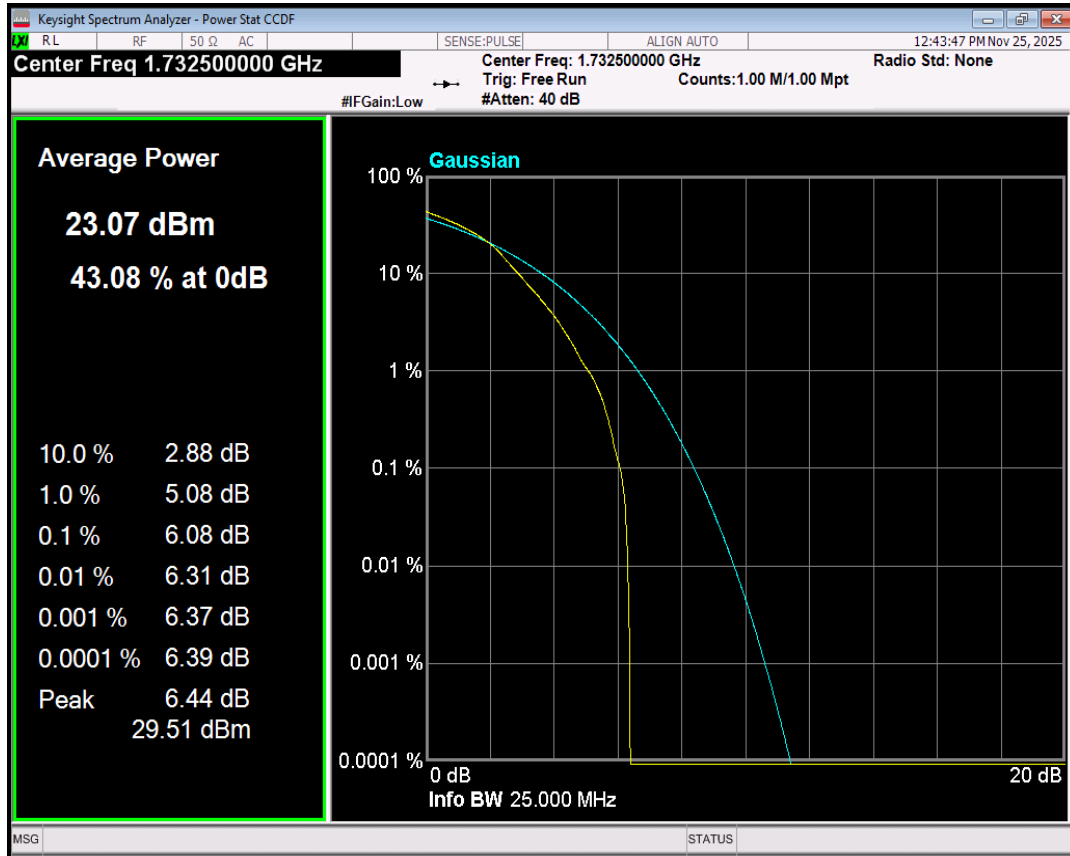
Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



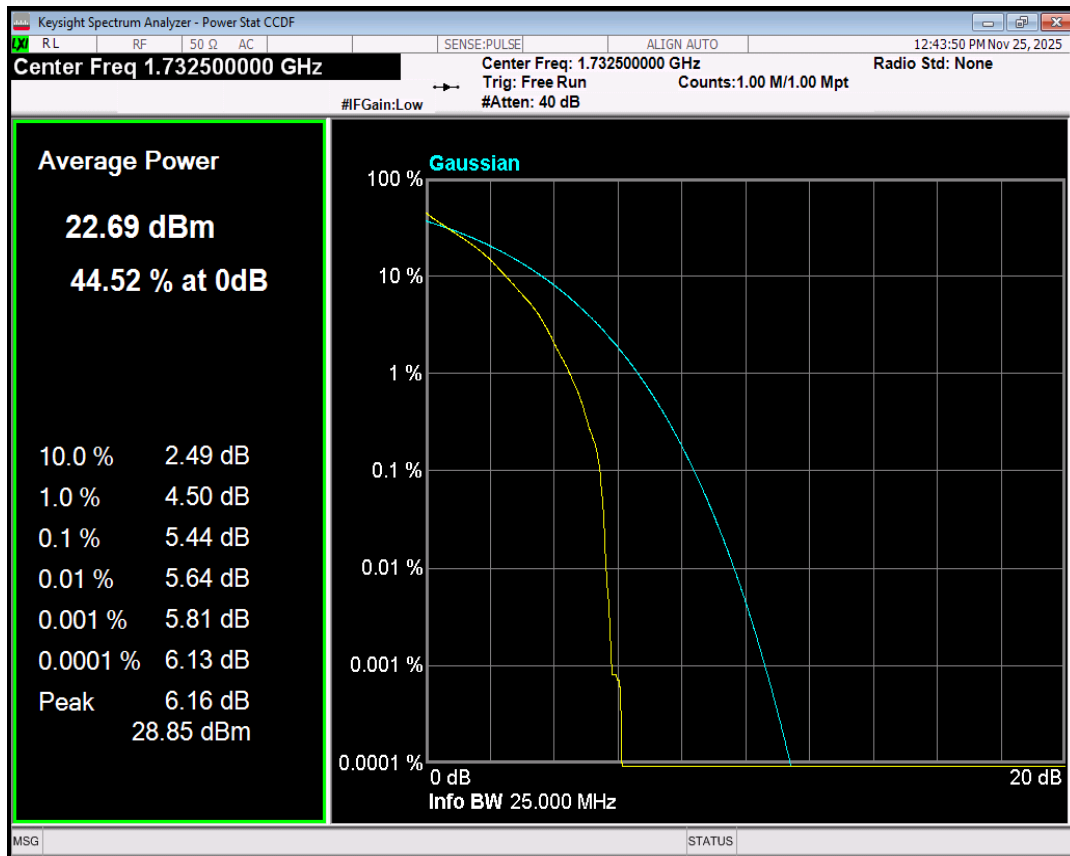
Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



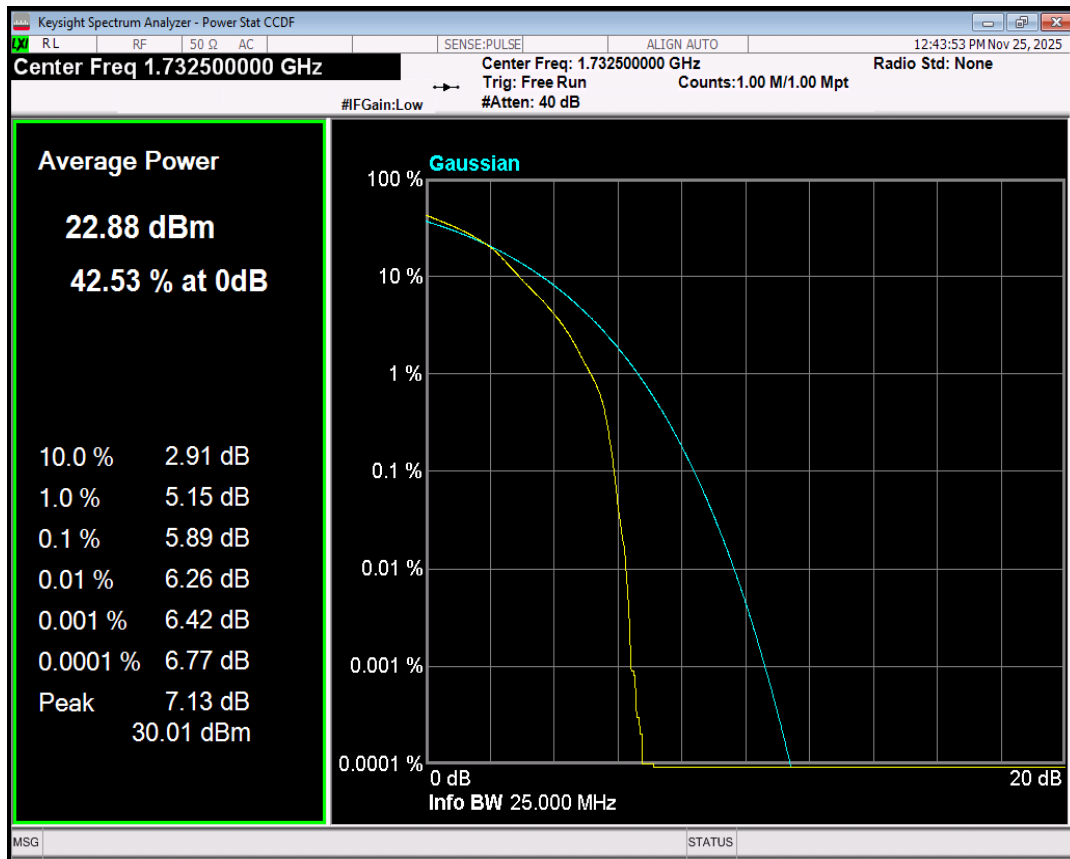
Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



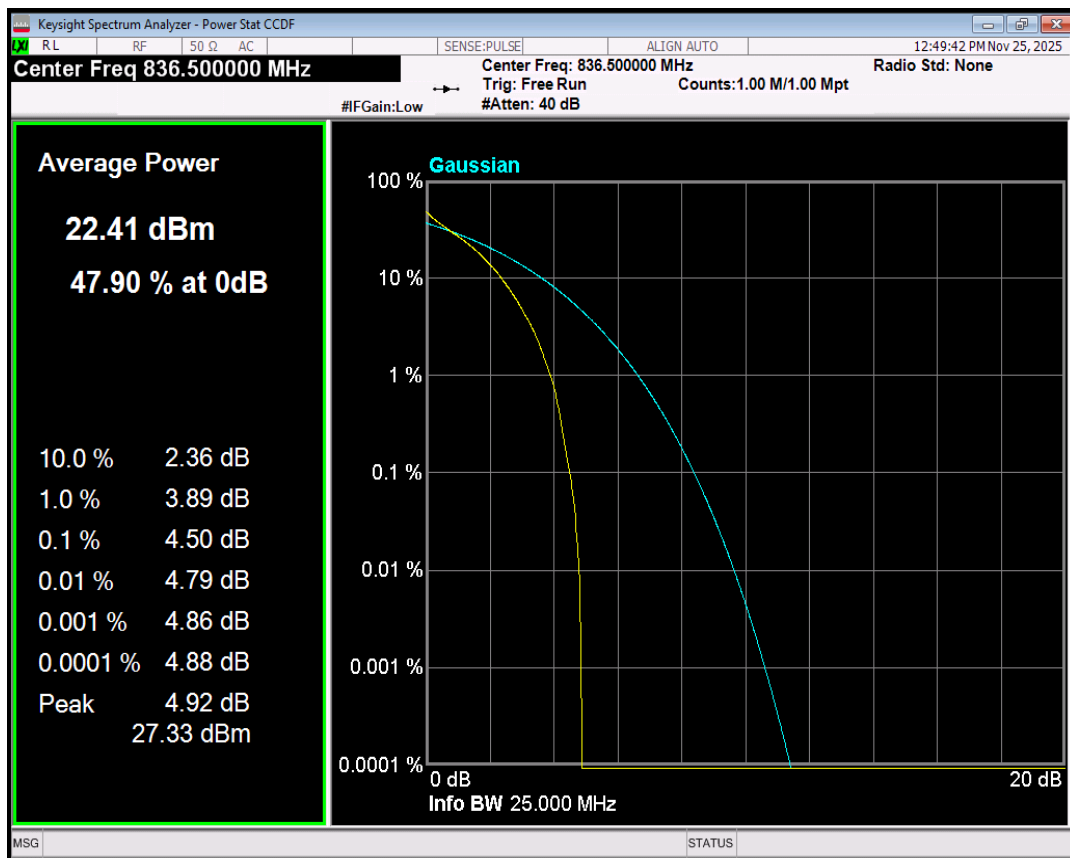
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



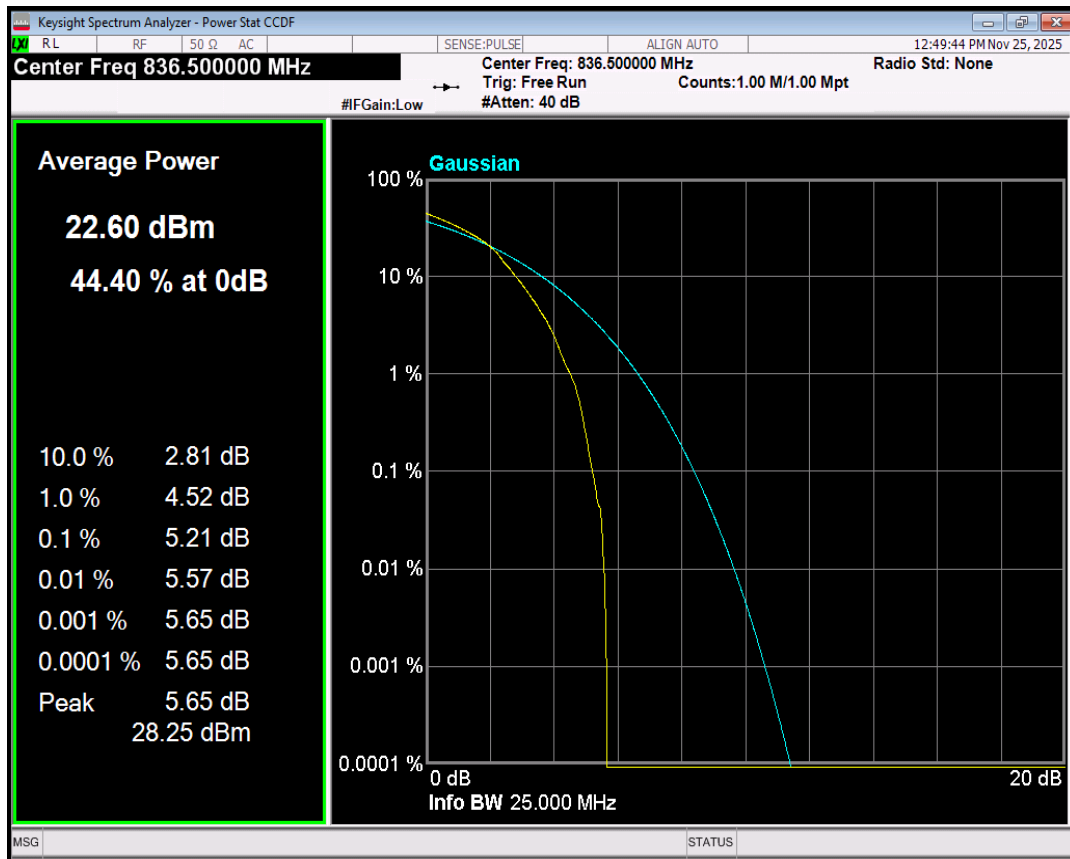
Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



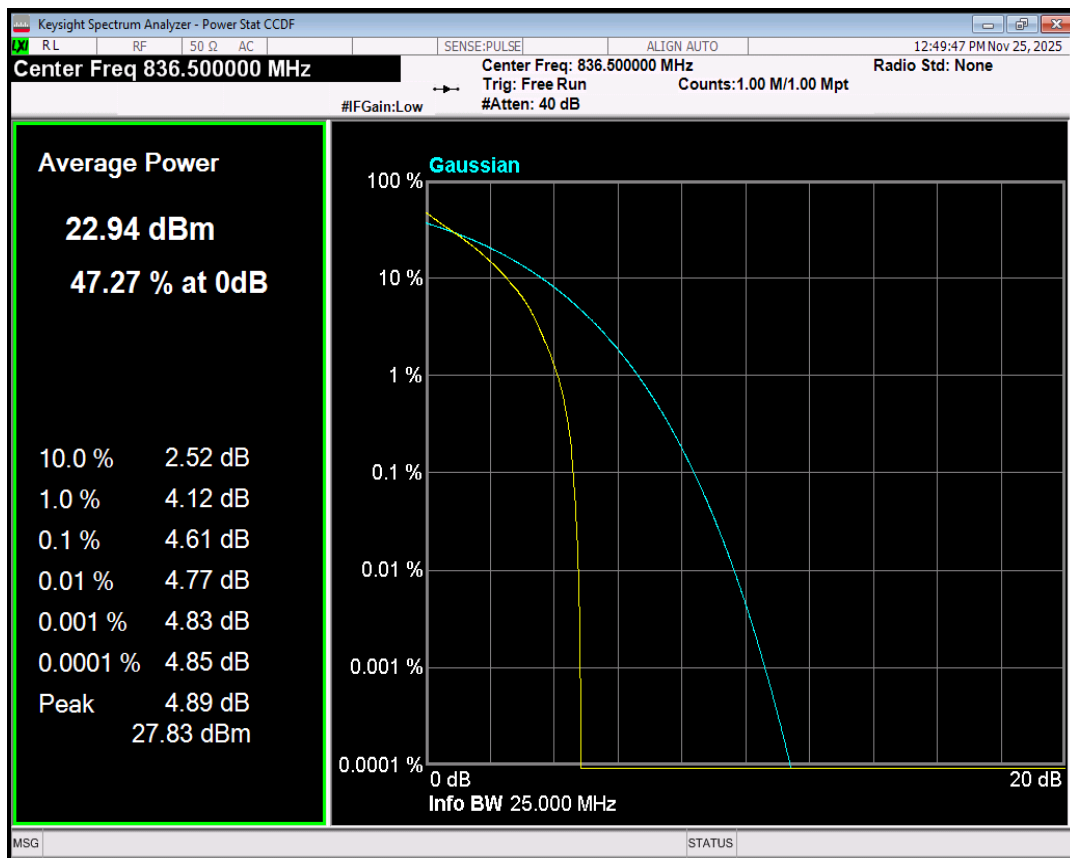
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=1 Position=#0



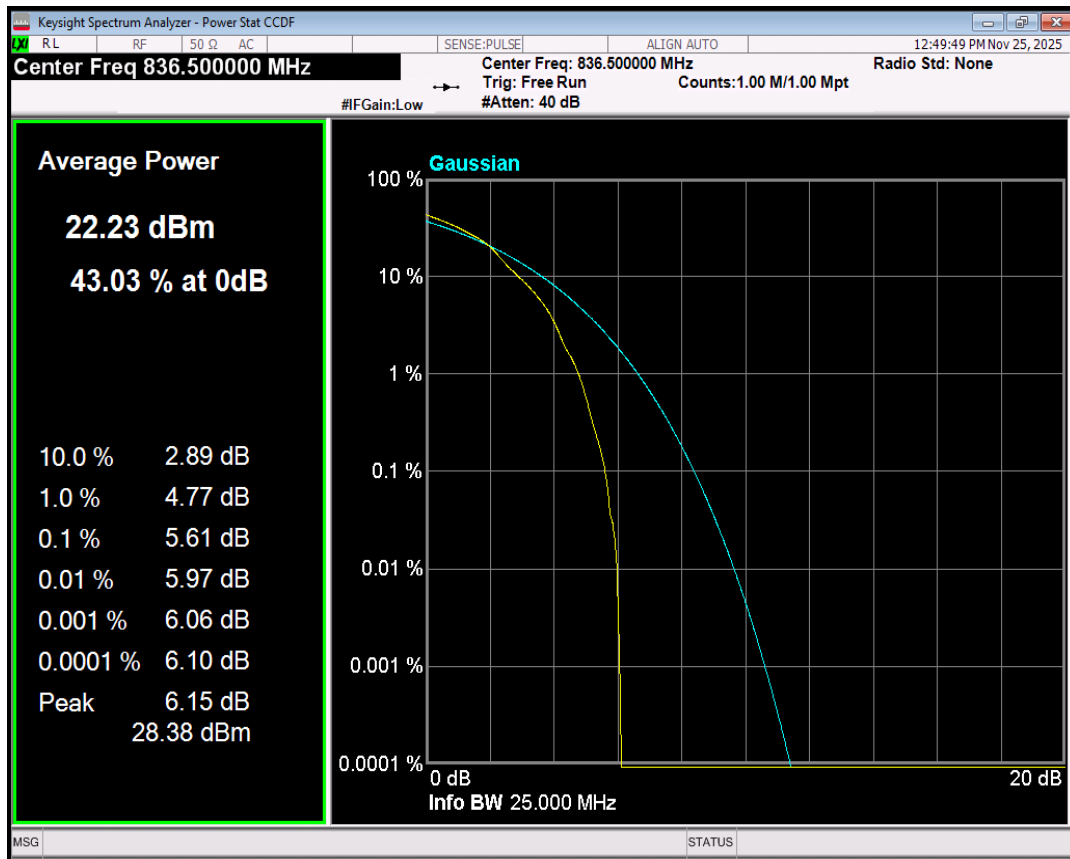
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=1 Position=#0



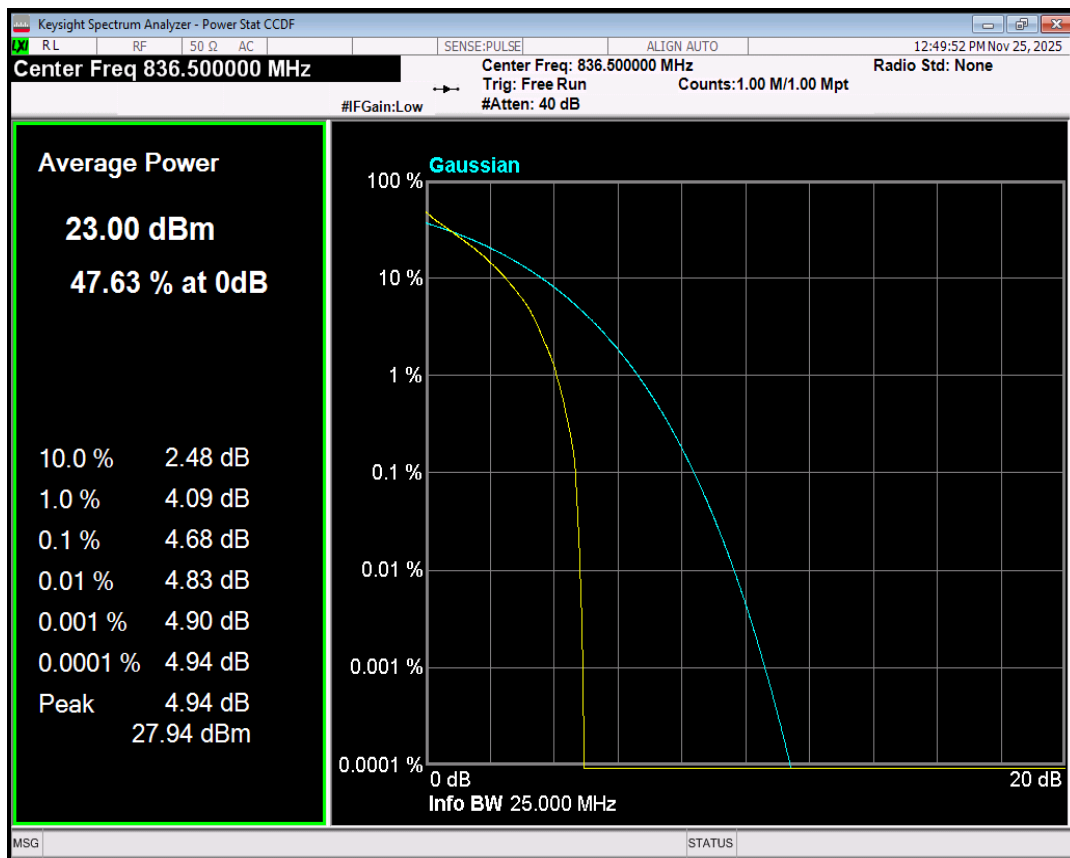
Band5 QPSK BW=3MHz Channel=20525 RB Size=1 Position=#0



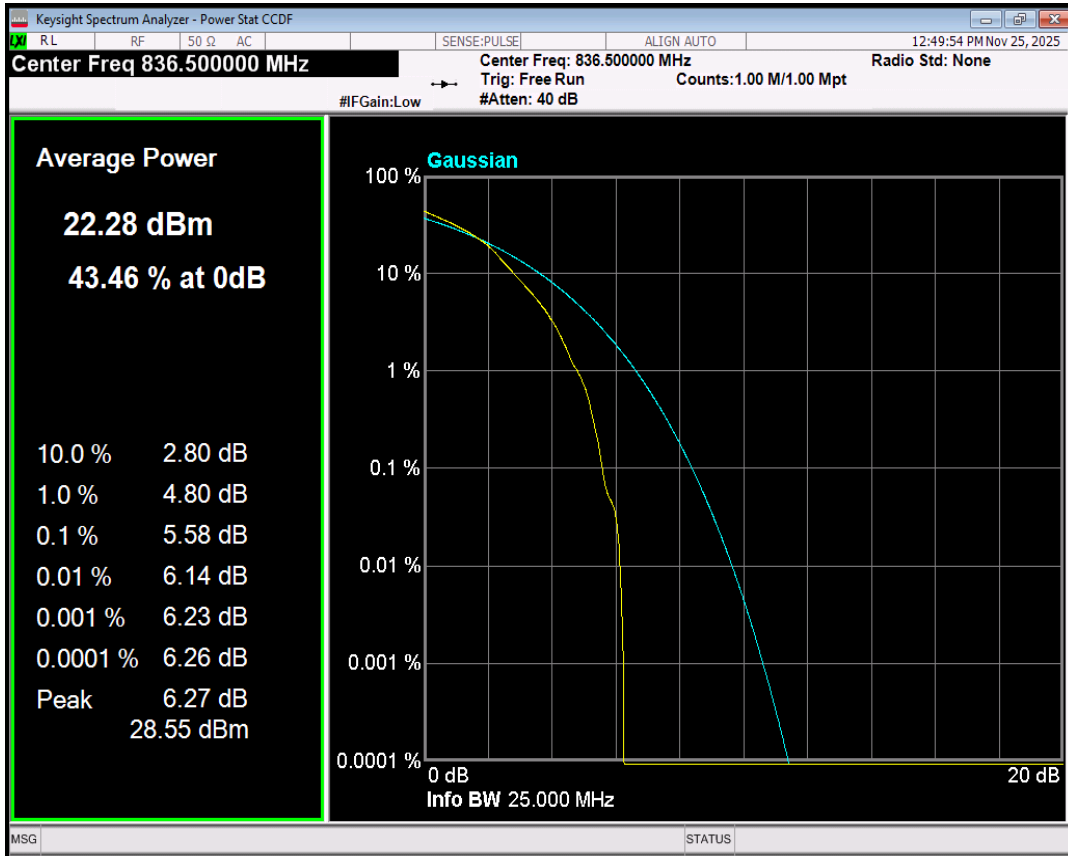
Band5 16QAM BW=3MHz Channel=20525 RB Size=1 Position=#0



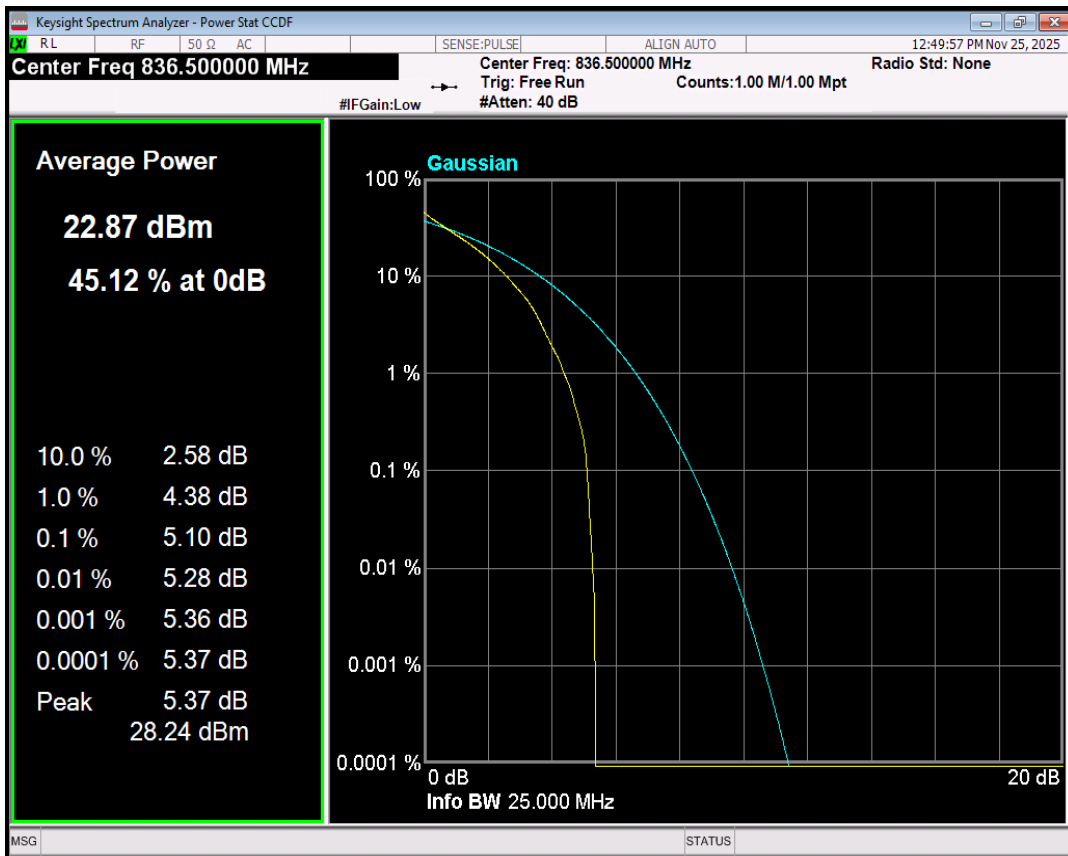
Band5 QPSK BW=5MHz Channel=20525 RB Size=1 Position=#0



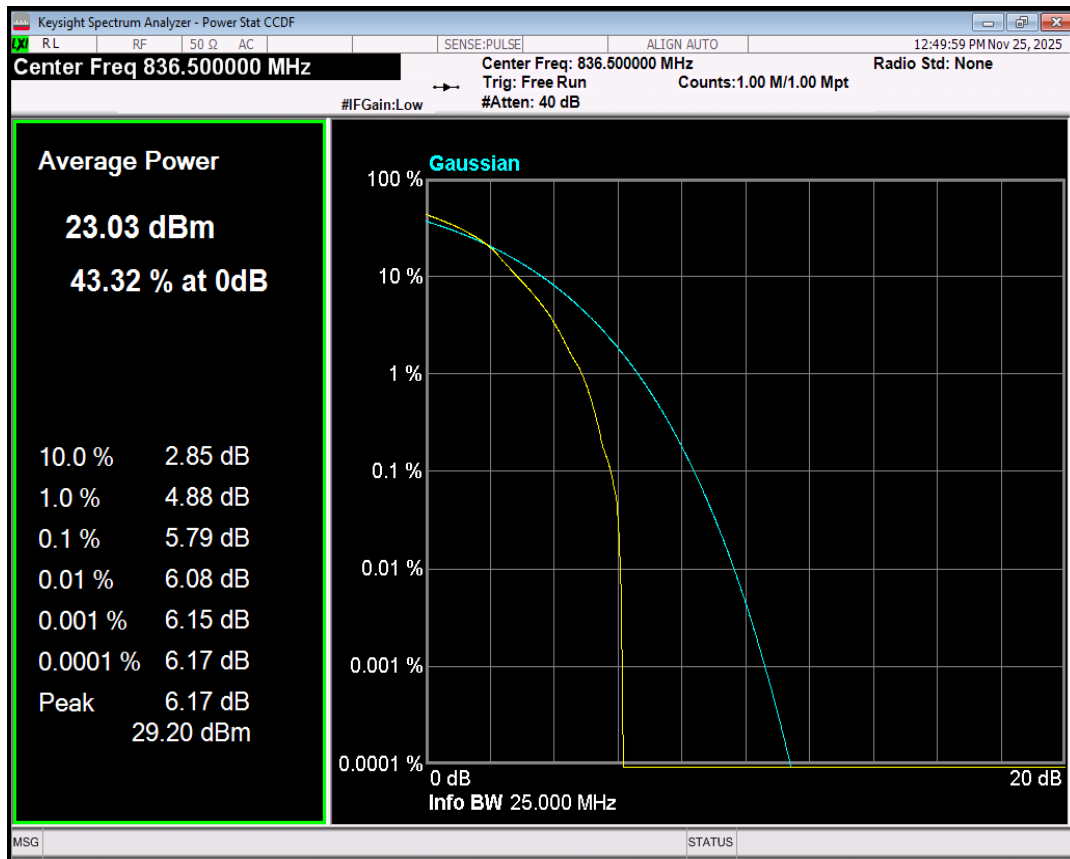
Band5 16QAM BW=5MHz Channel=20525 RB Size=1 Position=#0



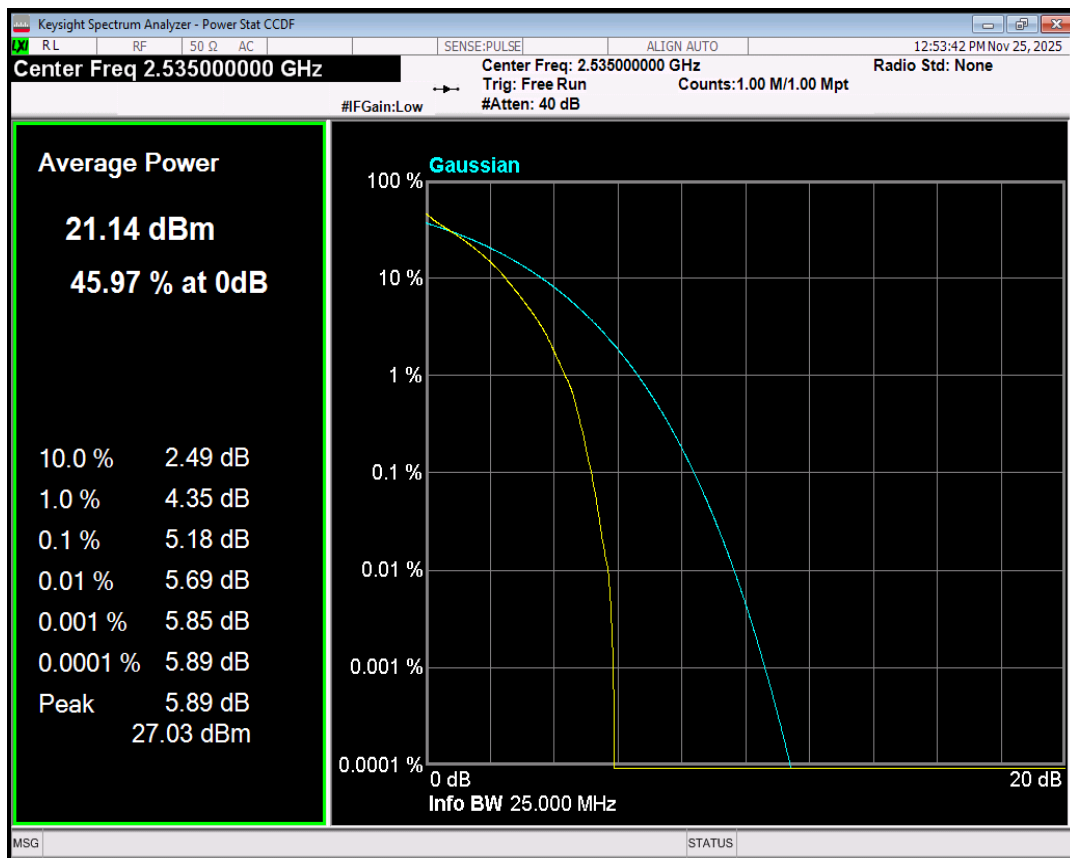
Band5 QPSK BW=10MHz Channel=20525 RB Size=1 Position=#0



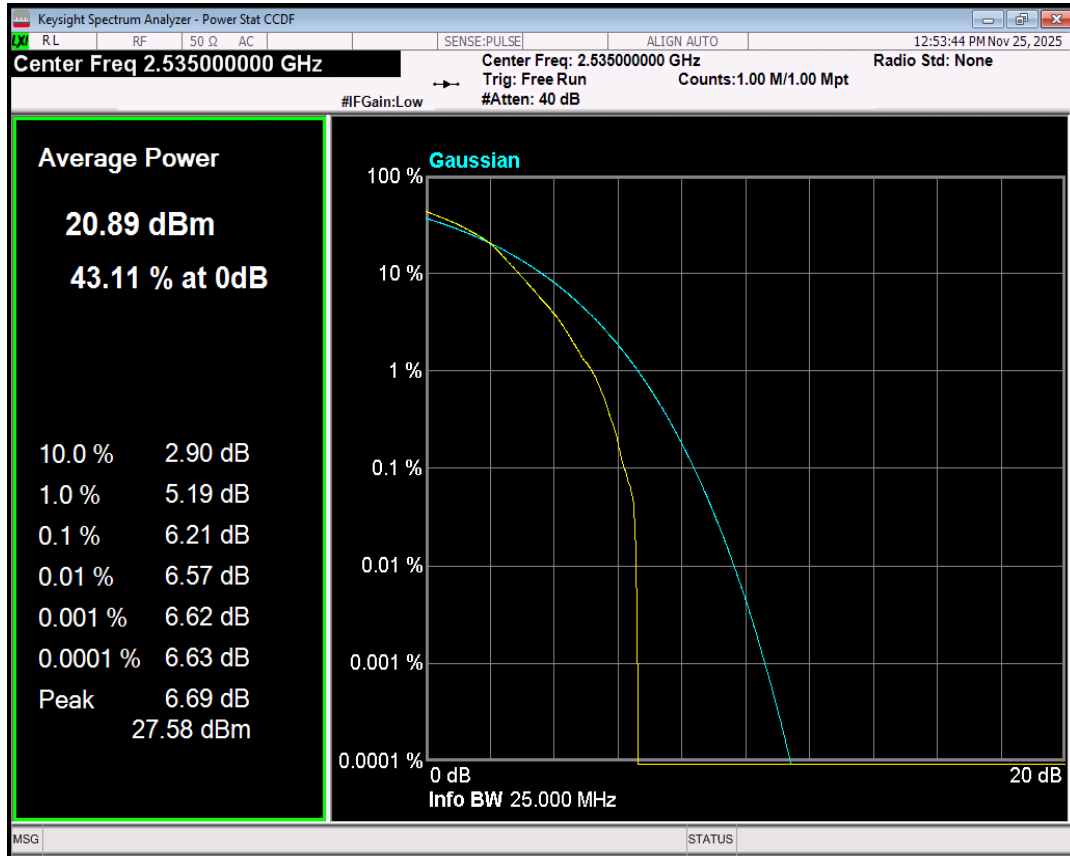
Band5 16QAM BW=10MHz Channel=20525 RB Size=1 Position=#0



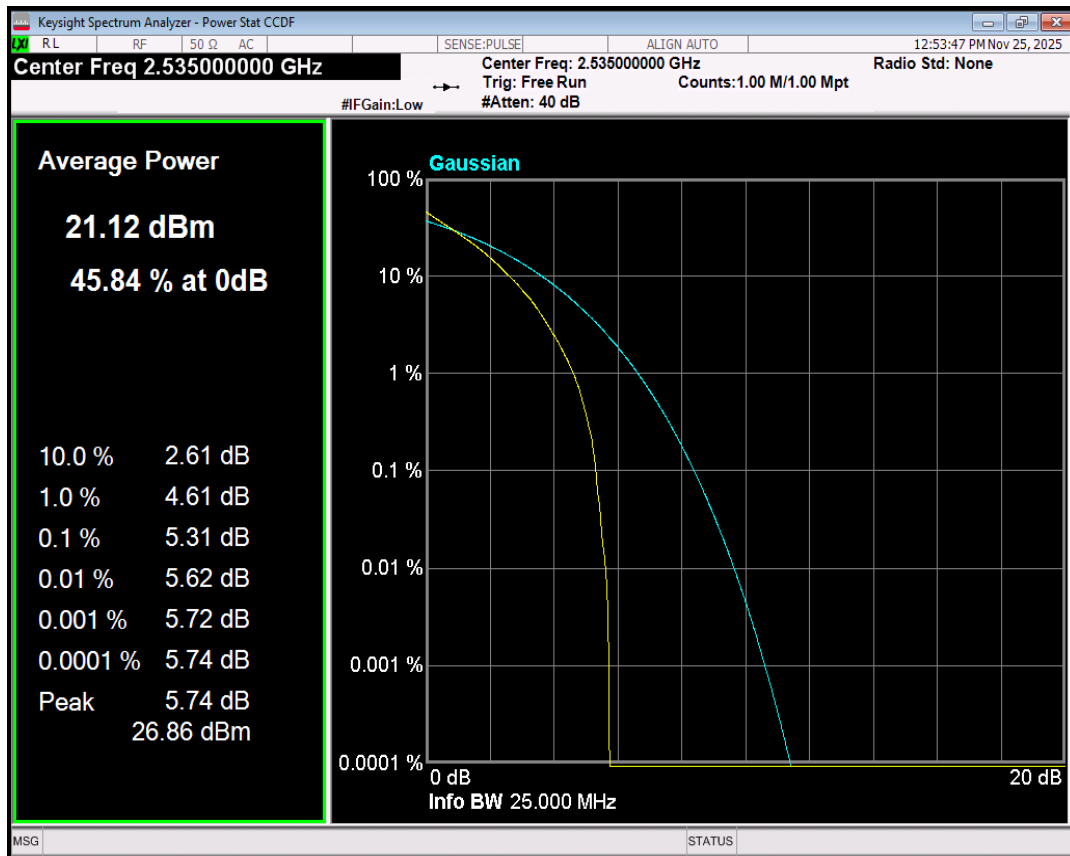
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



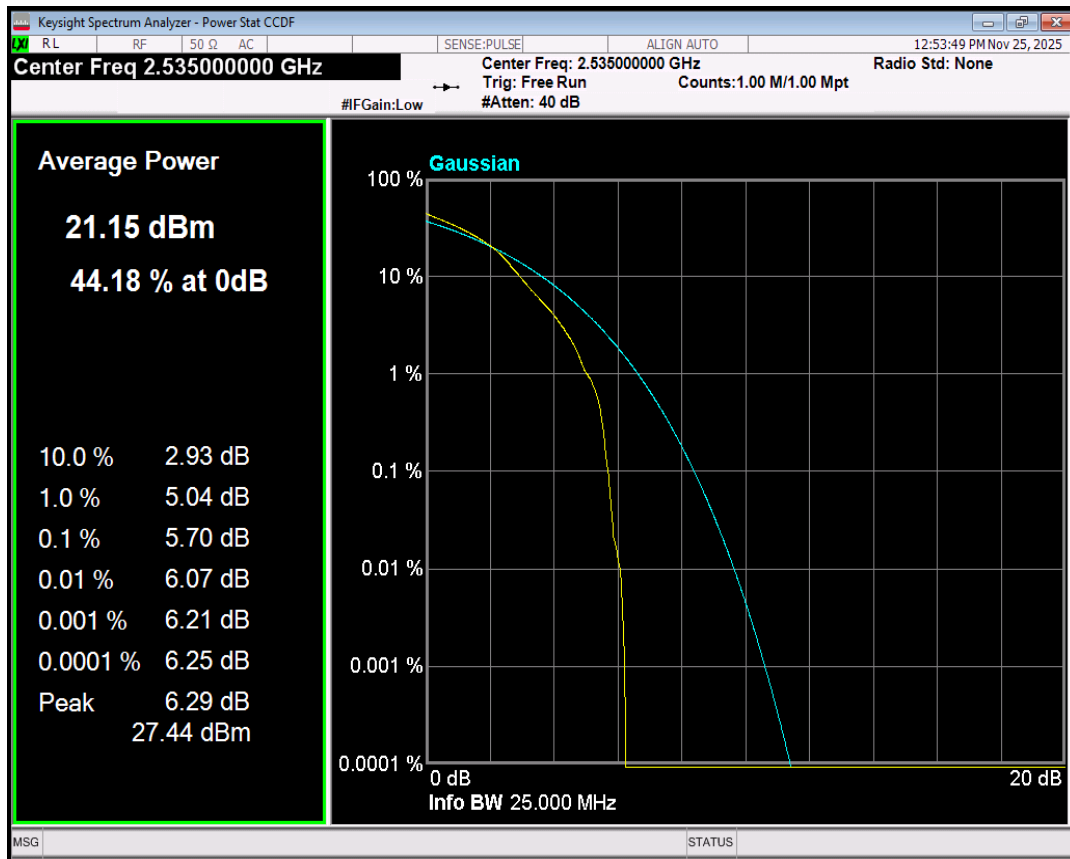
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



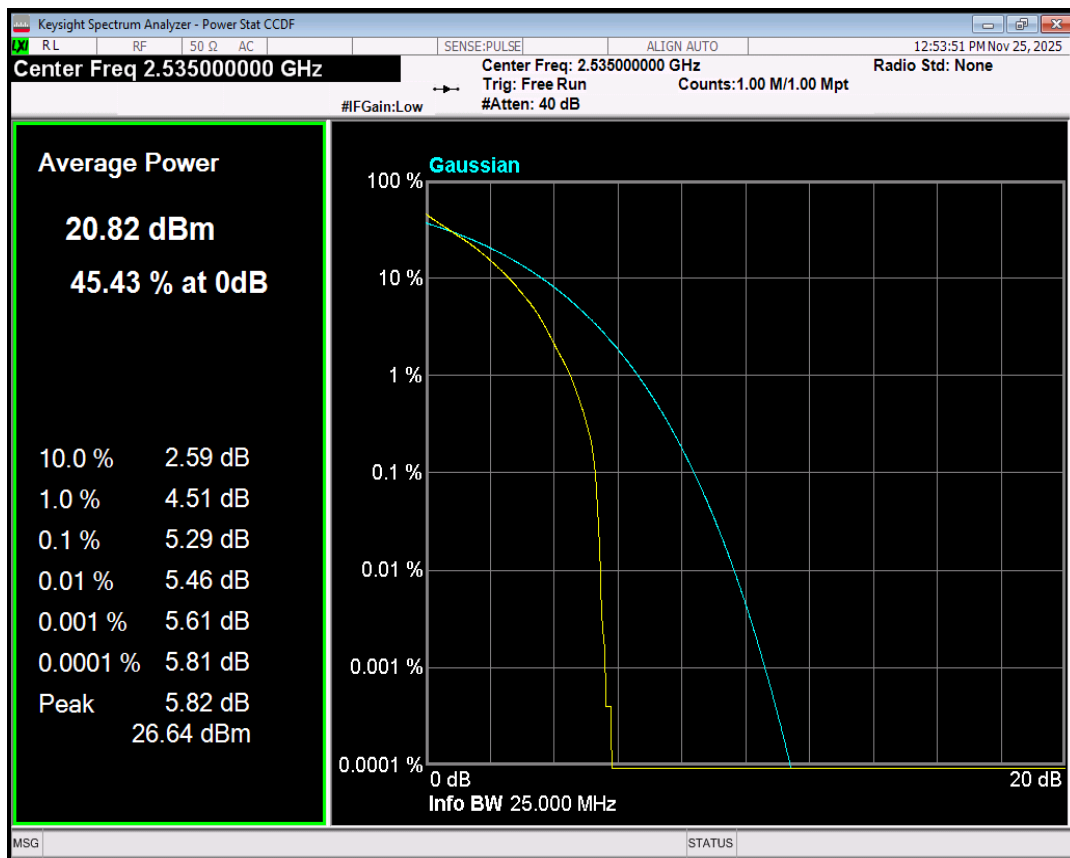
Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



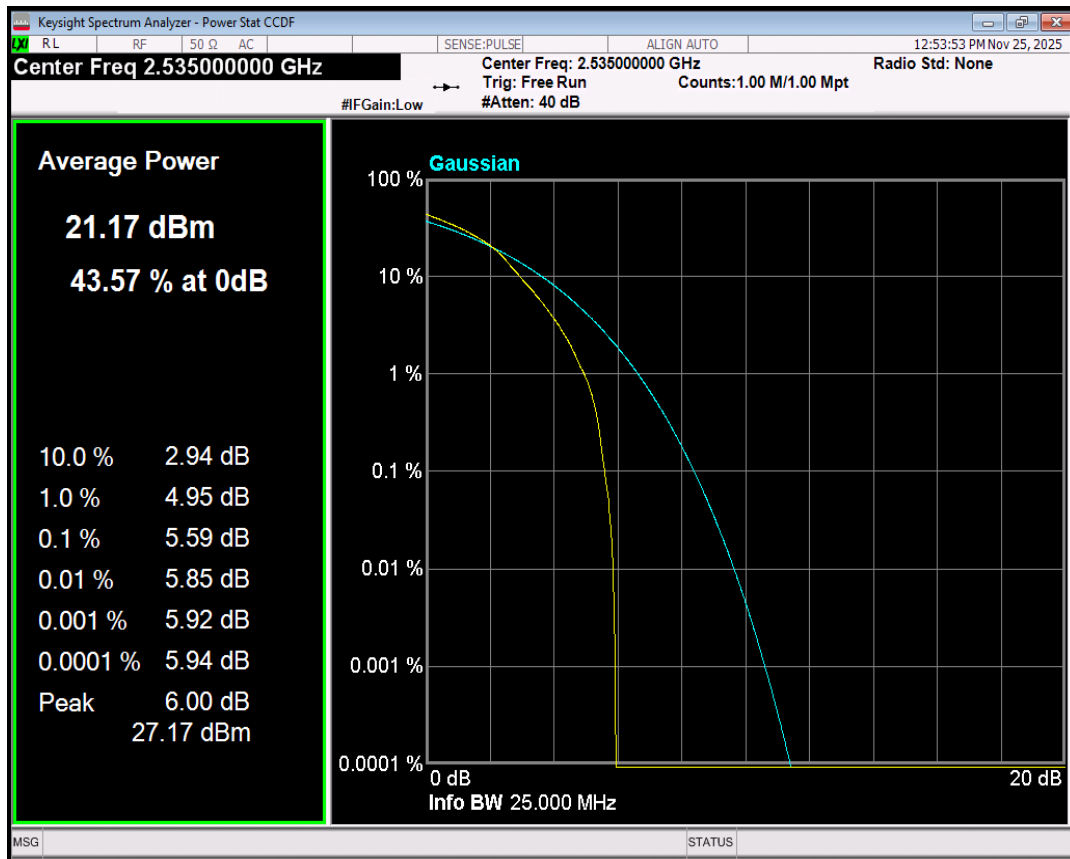
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



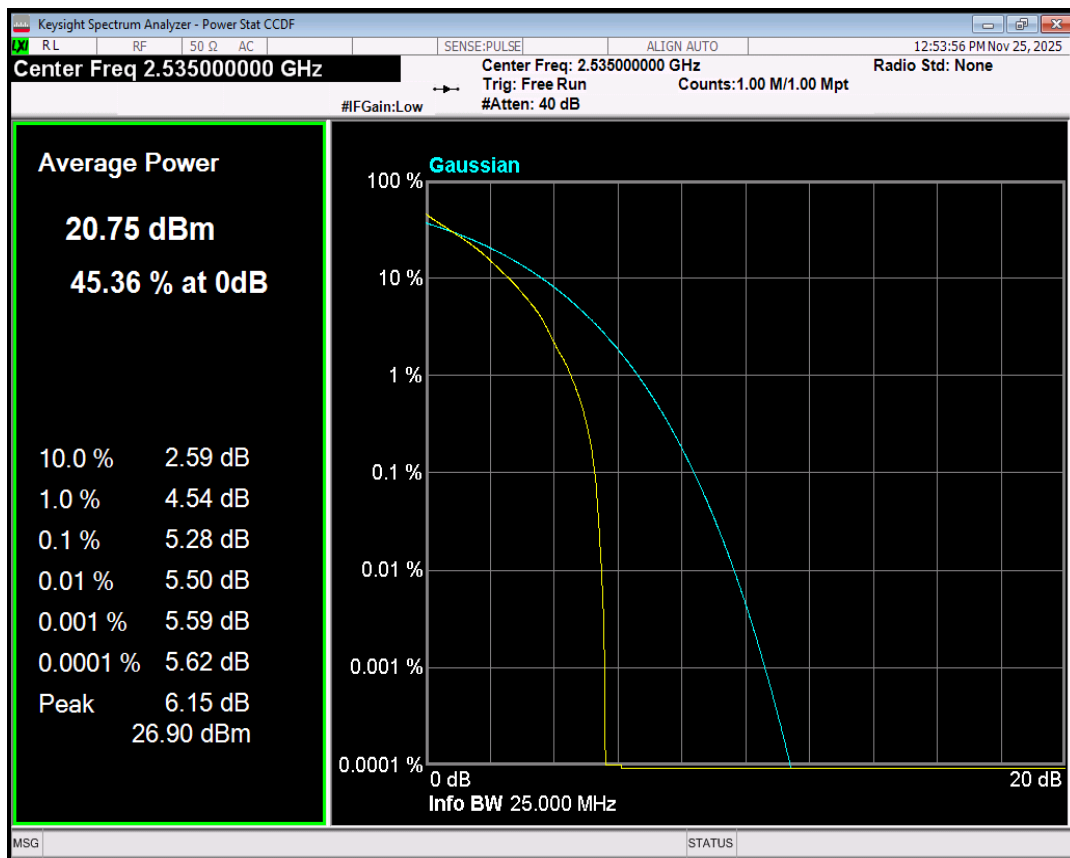
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0



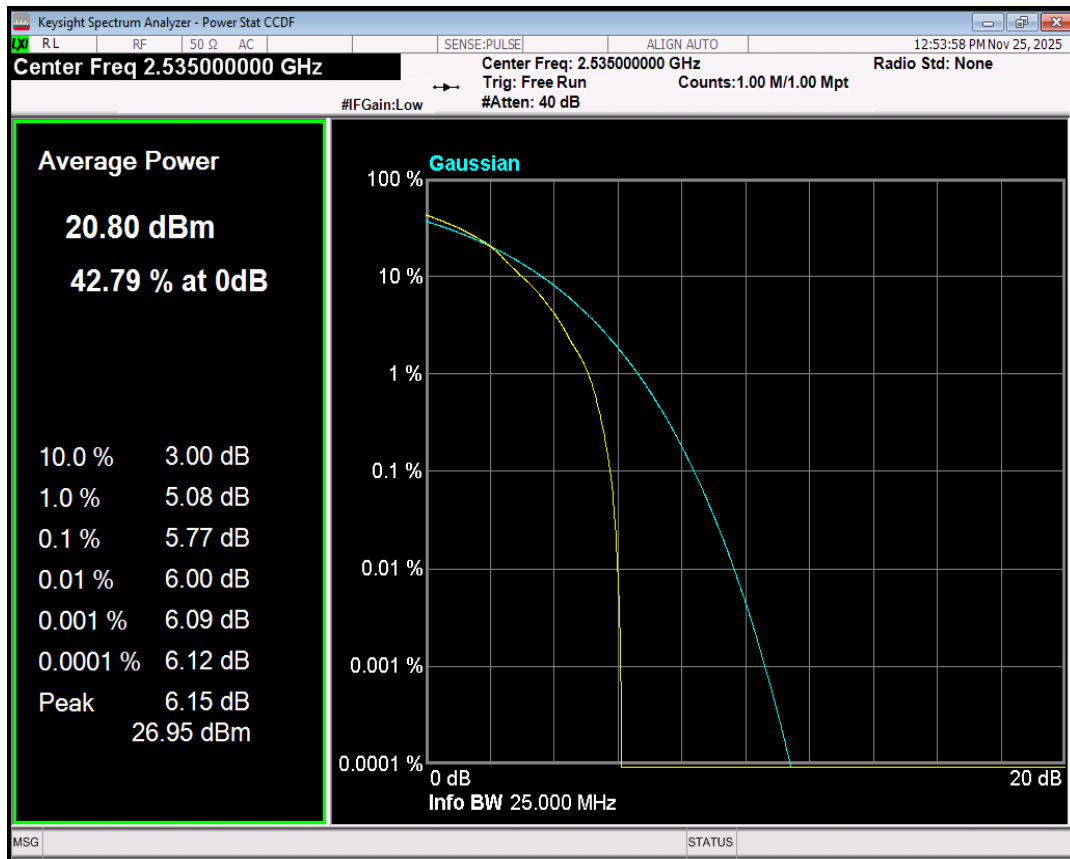
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0

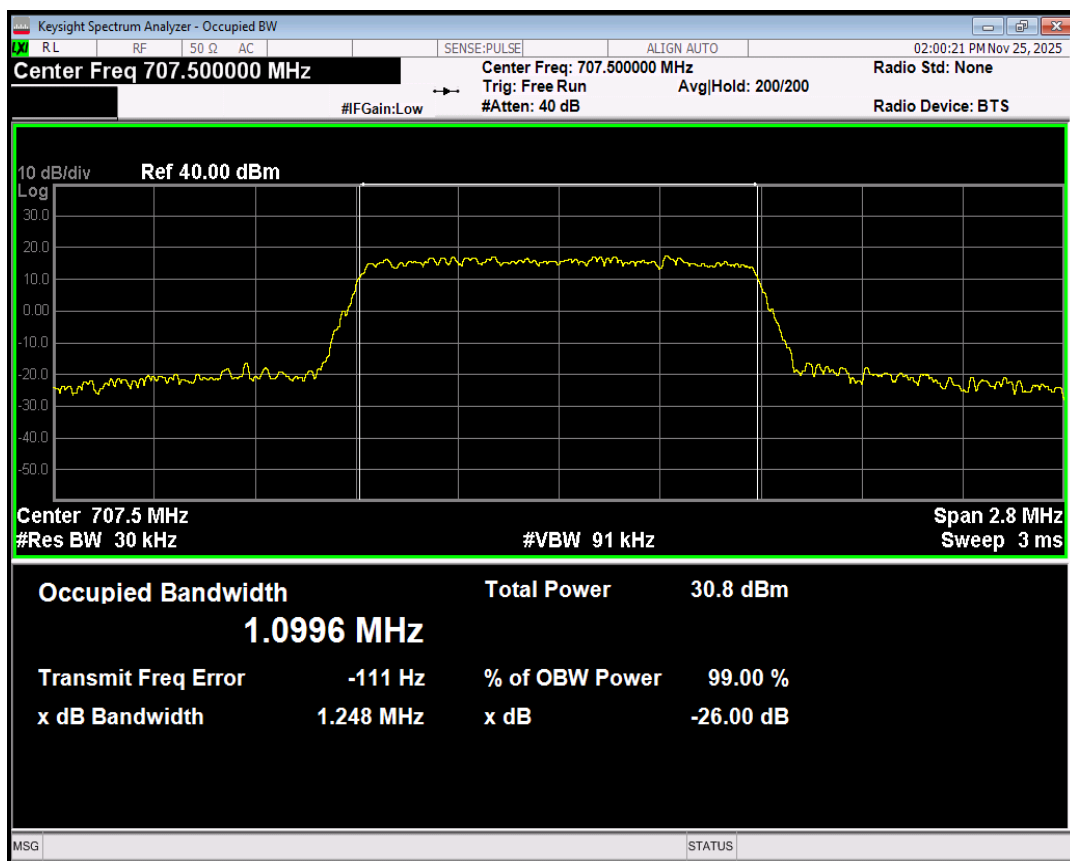


04 Occupied bandwidth

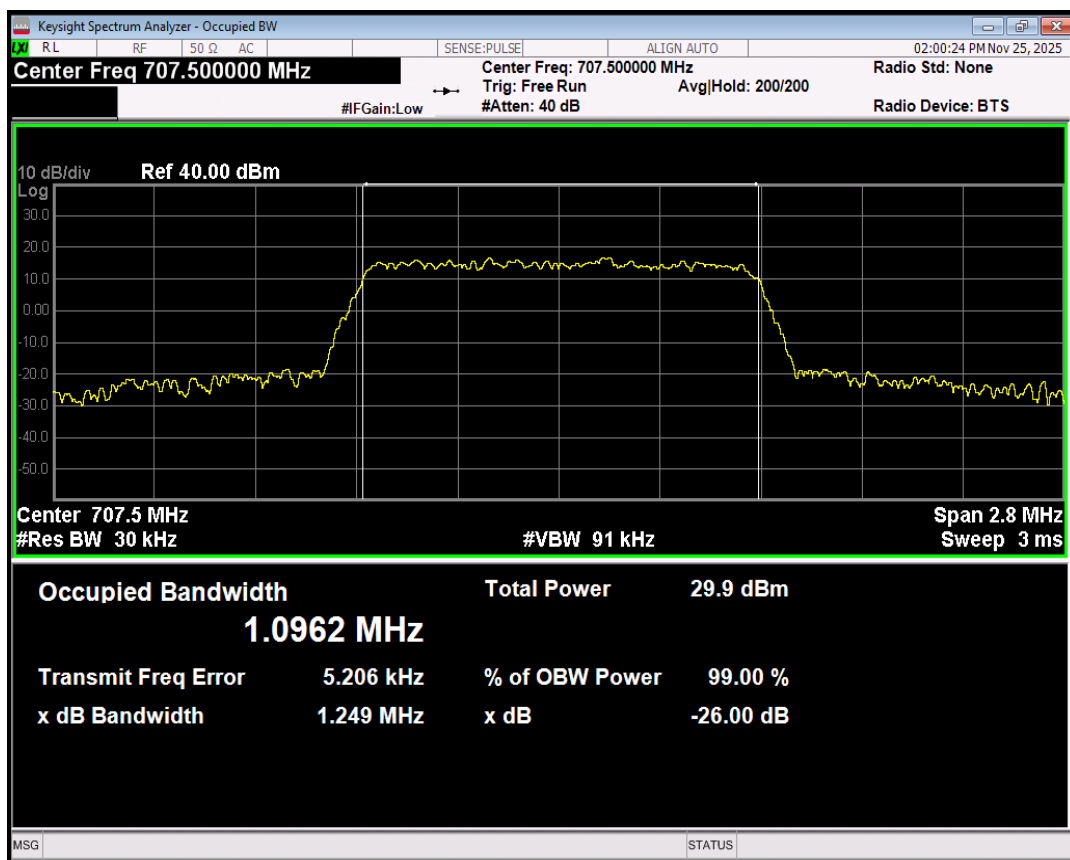
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band12	1.4	23095	6	#0	QPSK	1.100	1.248	PASS
Band12	1.4	23095	6	#0	16QAM	1.096	1.249	PASS
Band12	3	23095	15	#0	QPSK	2.711	3.055	PASS
Band12	3	23095	15	#0	16QAM	2.713	3.032	PASS
Band12	5	23095	25	#0	QPSK	4.500	4.923	PASS
Band12	5	23095	25	#0	16QAM	4.504	4.971	PASS
Band12	10	23095	50	#0	QPSK	9.030	9.889	PASS
Band12	10	23095	50	#0	16QAM	9.008	9.822	PASS
Band17	5	23790	25	#0	QPSK	4.505	4.962	PASS
Band17	5	23790	25	#0	16QAM	4.517	4.946	PASS
Band17	10	23790	50	#0	QPSK	8.985	9.854	PASS
Band17	10	23790	50	#0	16QAM	8.967	9.790	PASS
Band2	1.4	18900	6	#0	QPSK	1.097	1.245	PASS
Band2	1.4	18900	6	#0	16QAM	1.096	1.254	PASS
Band2	3	18900	15	#0	QPSK	2.717	3.046	PASS
Band2	3	18900	15	#0	16QAM	2.705	3.044	PASS
Band2	5	18900	25	#0	QPSK	4.503	4.967	PASS
Band2	5	18900	25	#0	16QAM	4.495	4.944	PASS
Band2	10	18900	50	#0	QPSK	8.987	9.867	PASS
Band2	10	18900	50	#0	16QAM	8.981	9.825	PASS
Band2	15	18900	75	#0	QPSK	13.479	14.789	PASS

Band2	15	18900	75	#0	16QAM	13.496	14.842	PASS
Band2	20	18900	100	#0	QPSK	18.041	19.714	PASS
Band2	20	18900	100	#0	16QAM	17.998	19.527	PASS
Band38	5	38000	25	#0	QPSK	4.484	4.911	PASS
Band38	5	38000	25	#0	16QAM	4.506	4.915	PASS
Band38	10	38000	50	#0	QPSK	8.966	9.664	PASS
Band38	10	38000	50	#0	16QAM	8.967	9.731	PASS
Band38	15	38000	75	#0	QPSK	13.448	14.665	PASS
Band38	15	38000	75	#0	16QAM	13.434	14.653	PASS
Band38	20	38000	100	#0	QPSK	17.945	19.440	PASS
Band38	20	38000	100	#0	16QAM	17.943	19.541	PASS
Band4	1.4	20175	6	#0	QPSK	1.100	1.250	PASS
Band4	1.4	20175	6	#0	16QAM	1.093	1.256	PASS
Band4	3	20175	15	#0	QPSK	2.713	3.022	PASS
Band4	3	20175	15	#0	16QAM	2.710	3.031	PASS
Band4	5	20175	25	#0	QPSK	4.507	4.960	PASS
Band4	5	20175	25	#0	16QAM	4.486	4.976	PASS
Band4	10	20175	50	#0	QPSK	8.999	9.775	PASS
Band4	10	20175	50	#0	16QAM	8.977	9.784	PASS
Band4	15	20175	75	#0	QPSK	13.503	14.729	PASS
Band4	15	20175	75	#0	16QAM	13.460	14.770	PASS
Band4	20	20175	100	#0	QPSK	17.950	19.906	PASS
Band4	20	20175	100	#0	16QAM	17.951	19.650	PASS
Band5	1.4	20525	6	#0	QPSK	1.097	1.248	PASS
Band5	1.4	20525	6	#0	16QAM	1.097	1.249	PASS
Band5	3	20525	15	#0	QPSK	2.714	3.049	PASS
Band5	3	20525	15	#0	16QAM	2.708	3.036	PASS
Band5	5	20525	25	#0	QPSK	4.493	4.953	PASS
Band5	5	20525	25	#0	16QAM	4.494	4.908	PASS
Band5	10	20525	50	#0	QPSK	8.993	9.764	PASS
Band5	10	20525	50	#0	16QAM	8.992	9.909	PASS
Band7	5	21100	25	#0	QPSK	4.500	4.927	PASS
Band7	5	21100	25	#0	16QAM	4.483	4.931	PASS
Band7	10	21100	50	#0	QPSK	9.012	9.743	PASS
Band7	10	21100	50	#0	16QAM	8.975	9.818	PASS
Band7	15	21100	75	#0	QPSK	13.515	14.834	PASS
Band7	15	21100	75	#0	16QAM	13.462	15.008	PASS
Band7	20	21100	100	#0	QPSK	18.023	19.843	PASS
Band7	20	21100	100	#0	16QAM	18.004	19.504	PASS

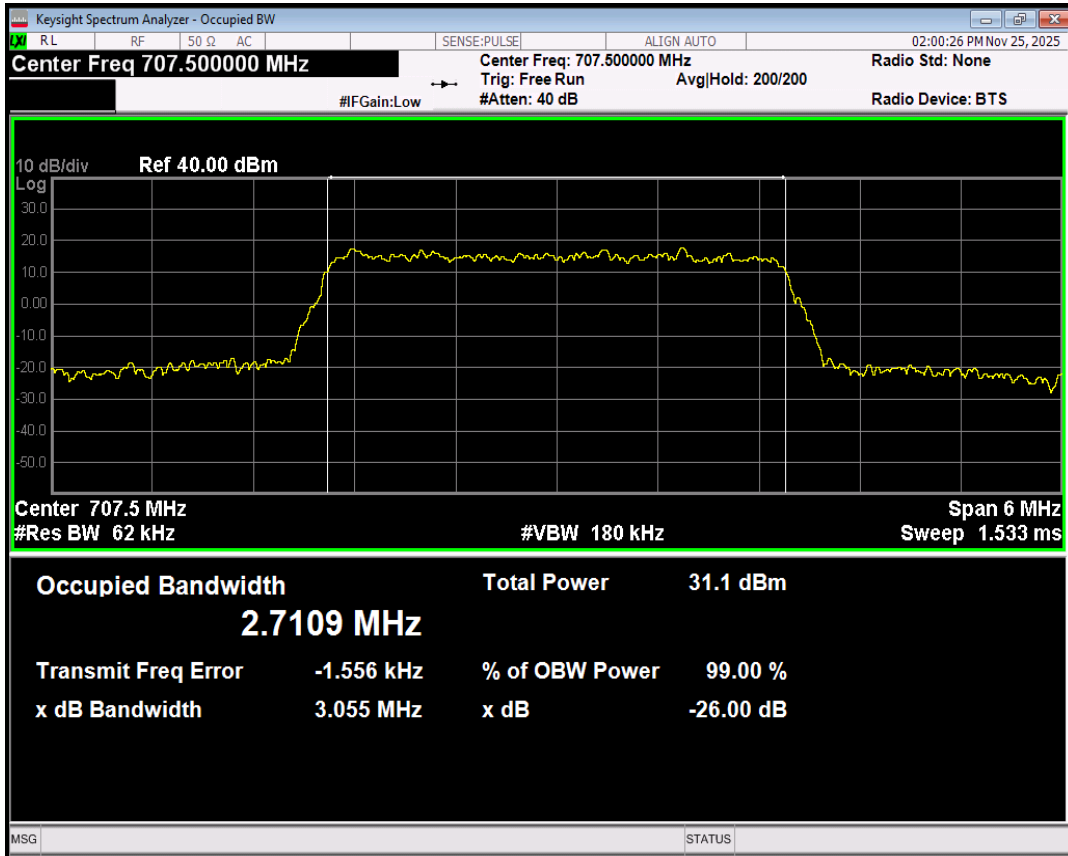
Band12 QPSK BW=1.4MHz Channel=23095 RB Size=6 Position=#0



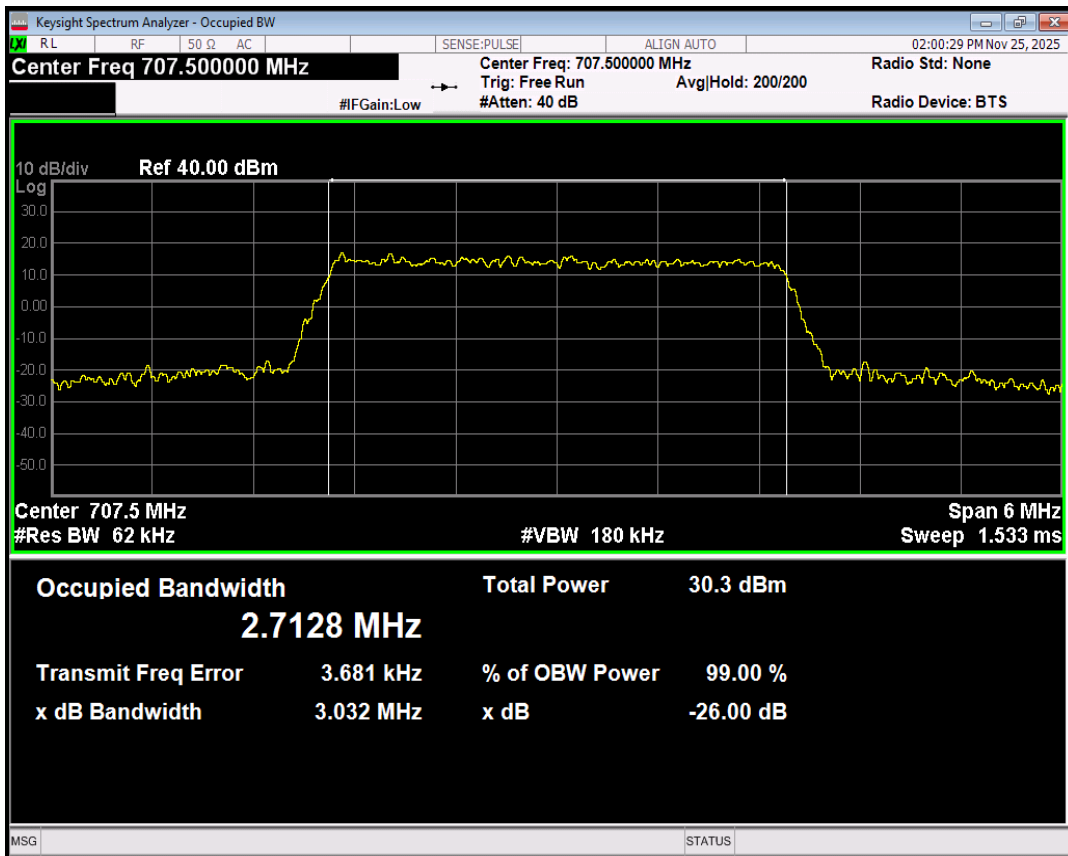
Band12 16QAM BW=1.4MHz Channel=23095 RB Size=6 Position=#0



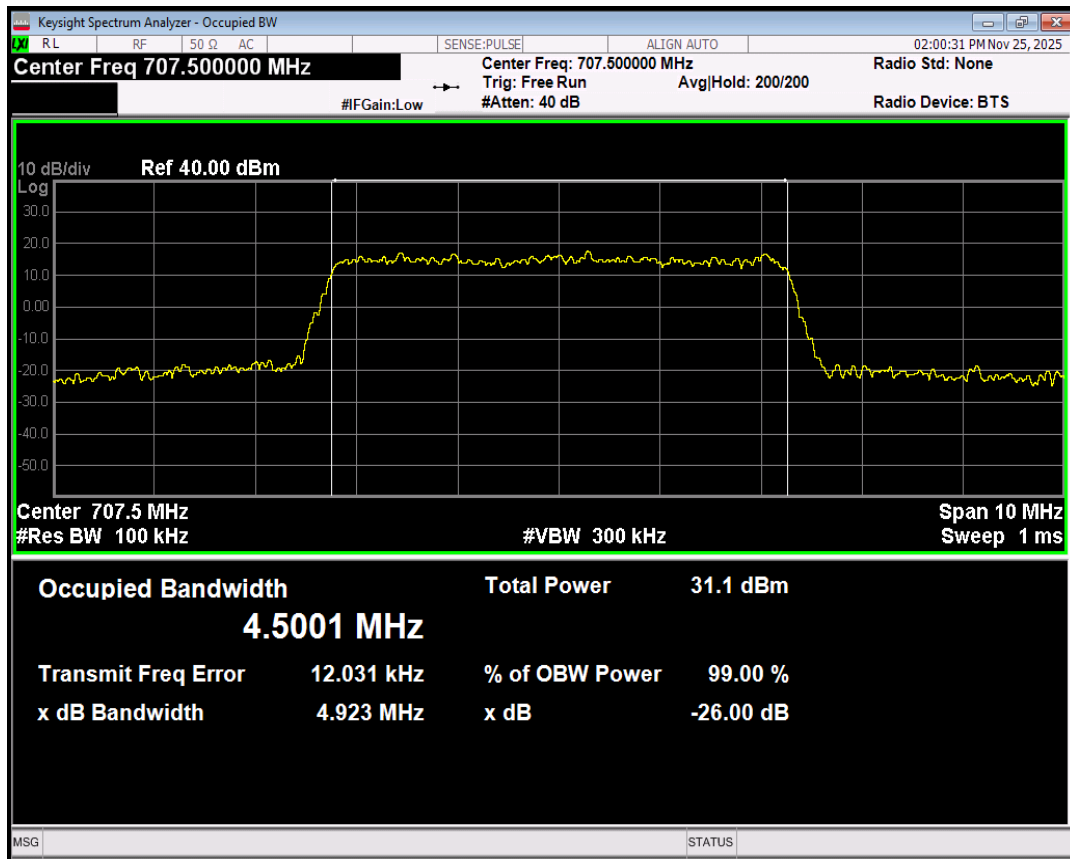
Band12 QPSK BW=3MHz Channel=23095 RB Size=15 Position=#0



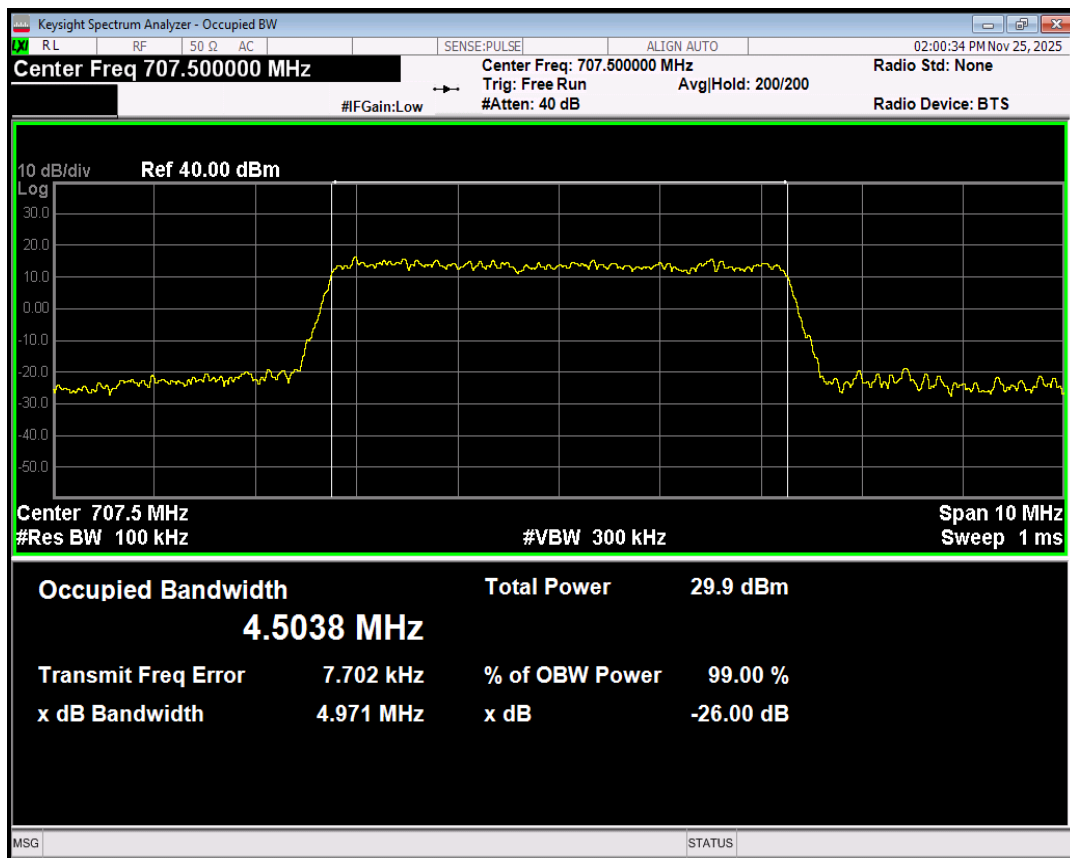
Band12 16QAM BW=3MHz Channel=23095 RB Size=15 Position=#0



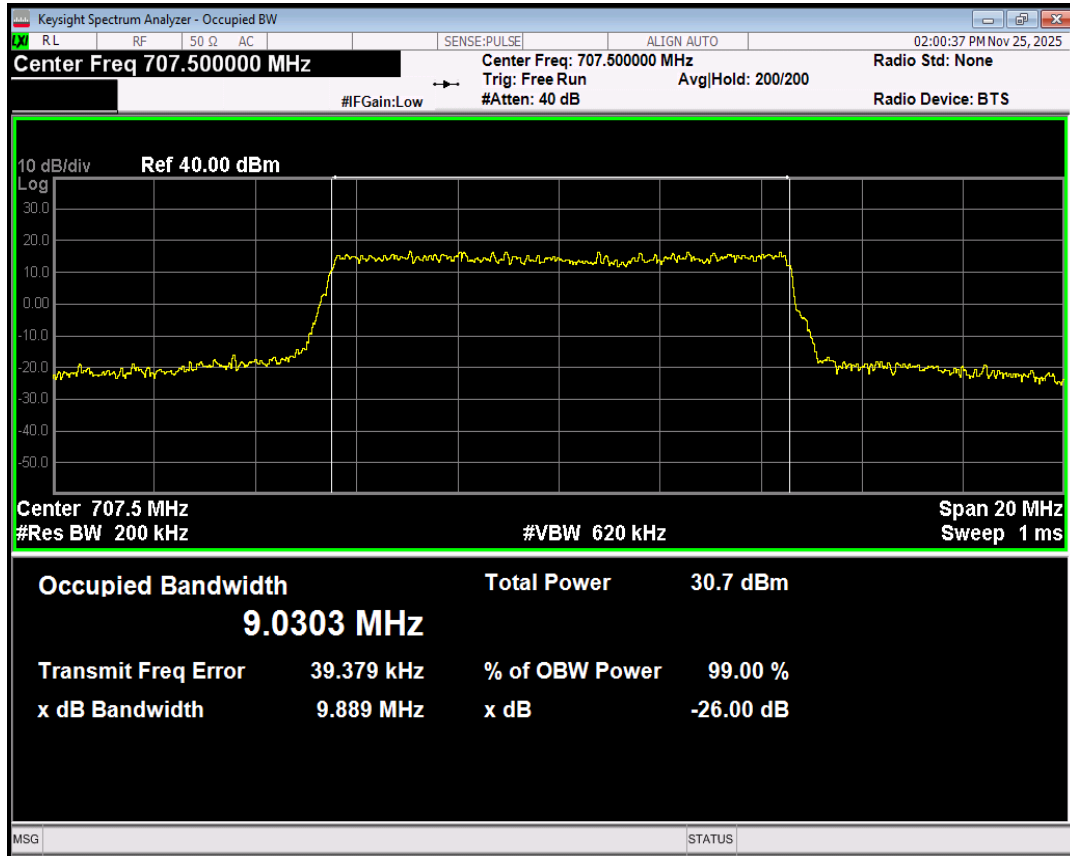
Band12 QPSK BW=5MHz Channel=23095 RB Size=25 Position=#0



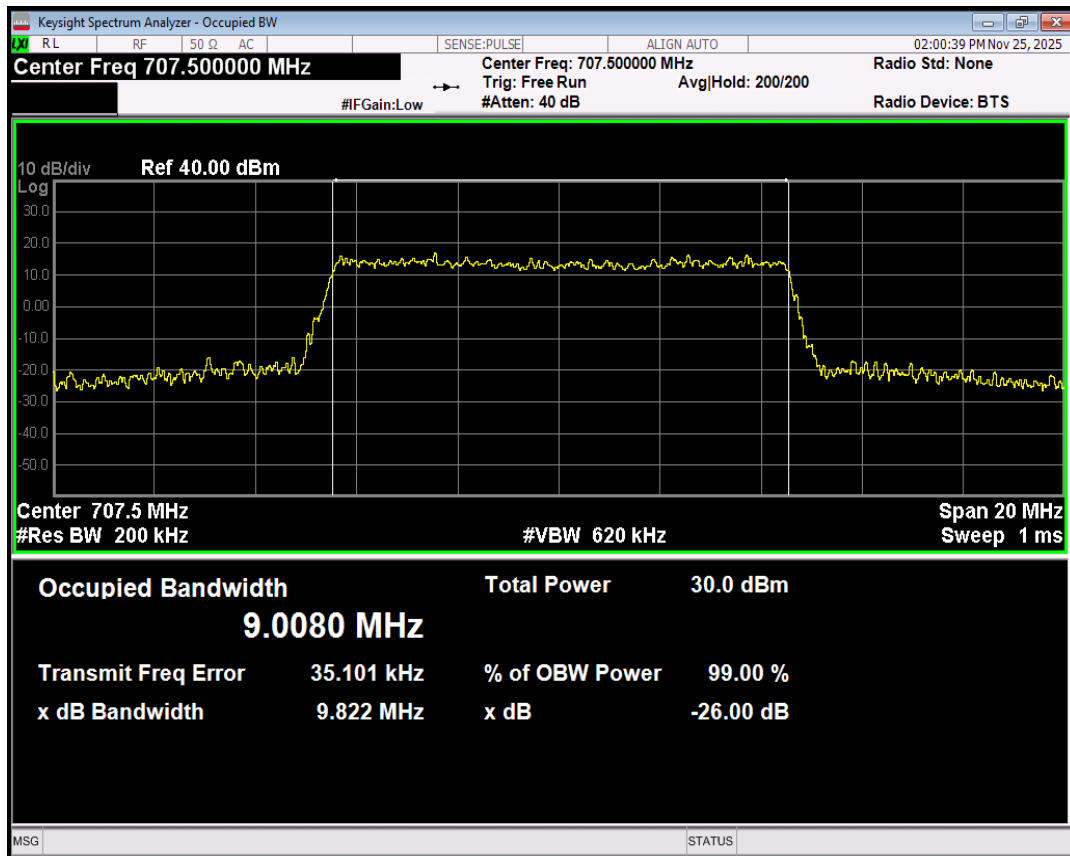
Band12 16QAM BW=5MHz Channel=23095 RB Size=25 Position=#0



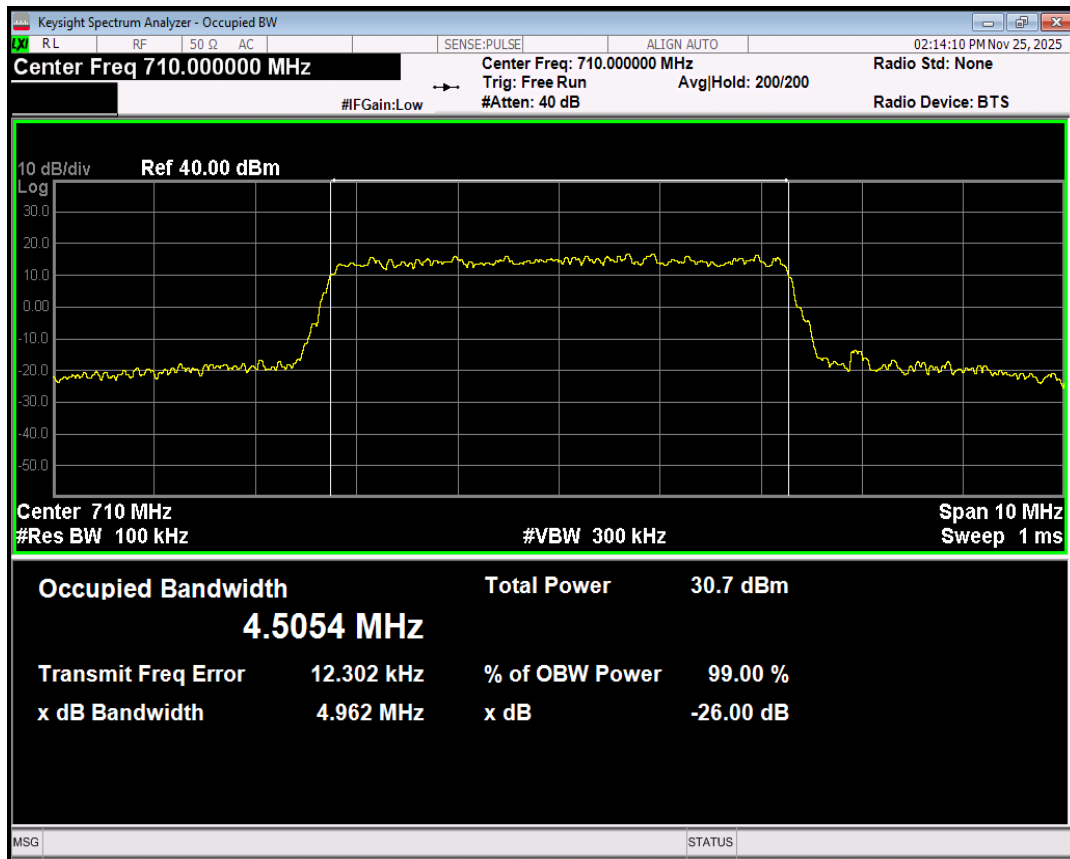
Band12 QPSK BW=10MHz Channel=23095 RB Size=50 Position=#0



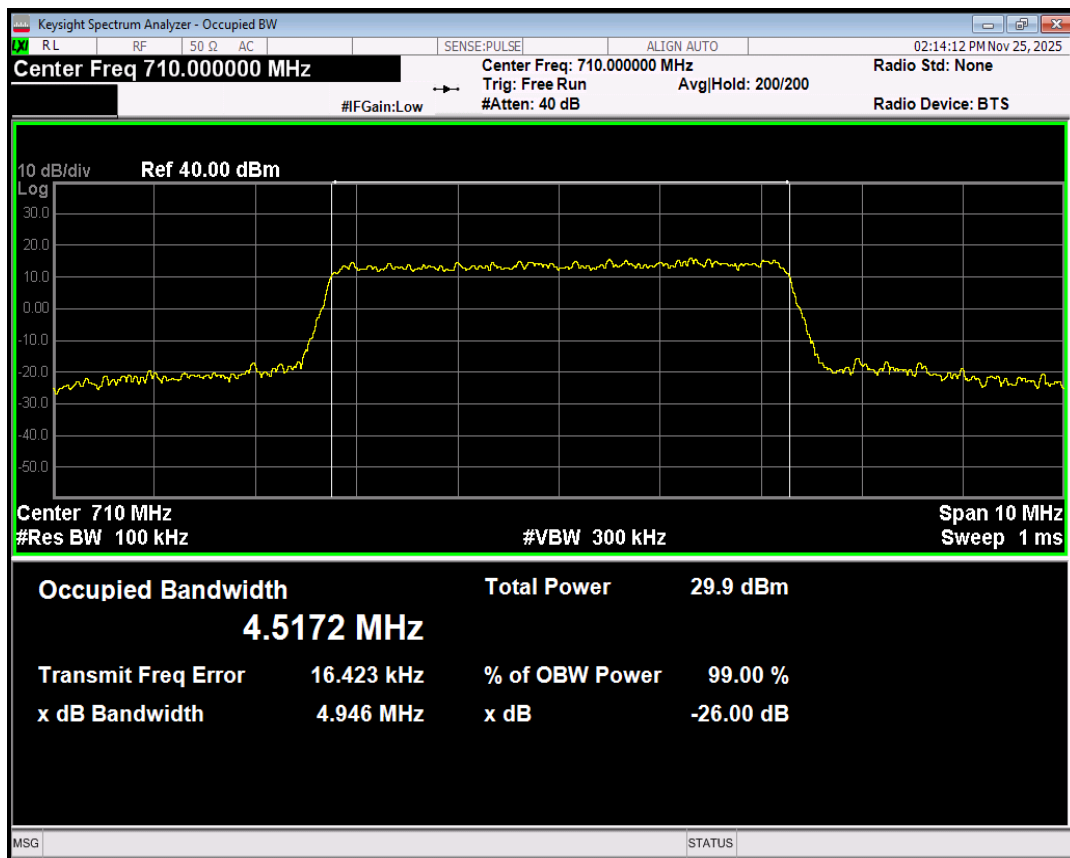
Band12 16QAM BW=10MHz Channel=23095 RB Size=50 Position=#0



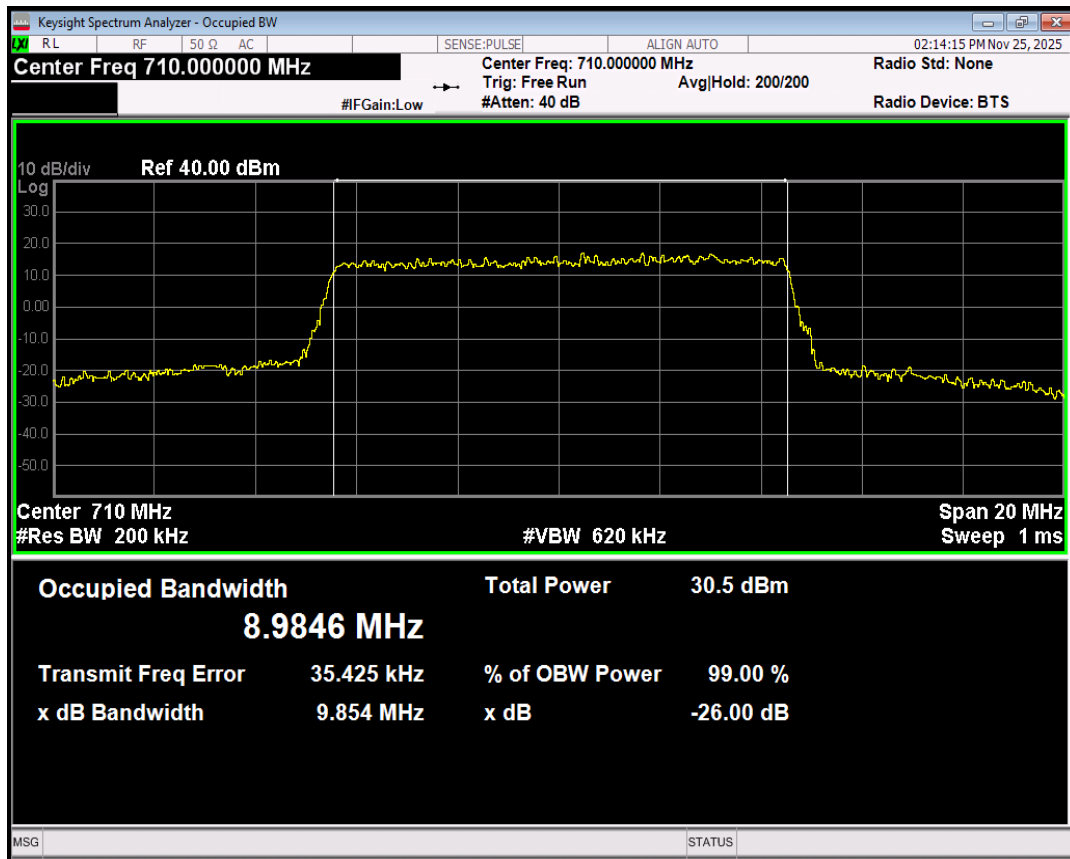
Band17 QPSK BW=5MHz Channel=23790 RB Size=25 Position=#0



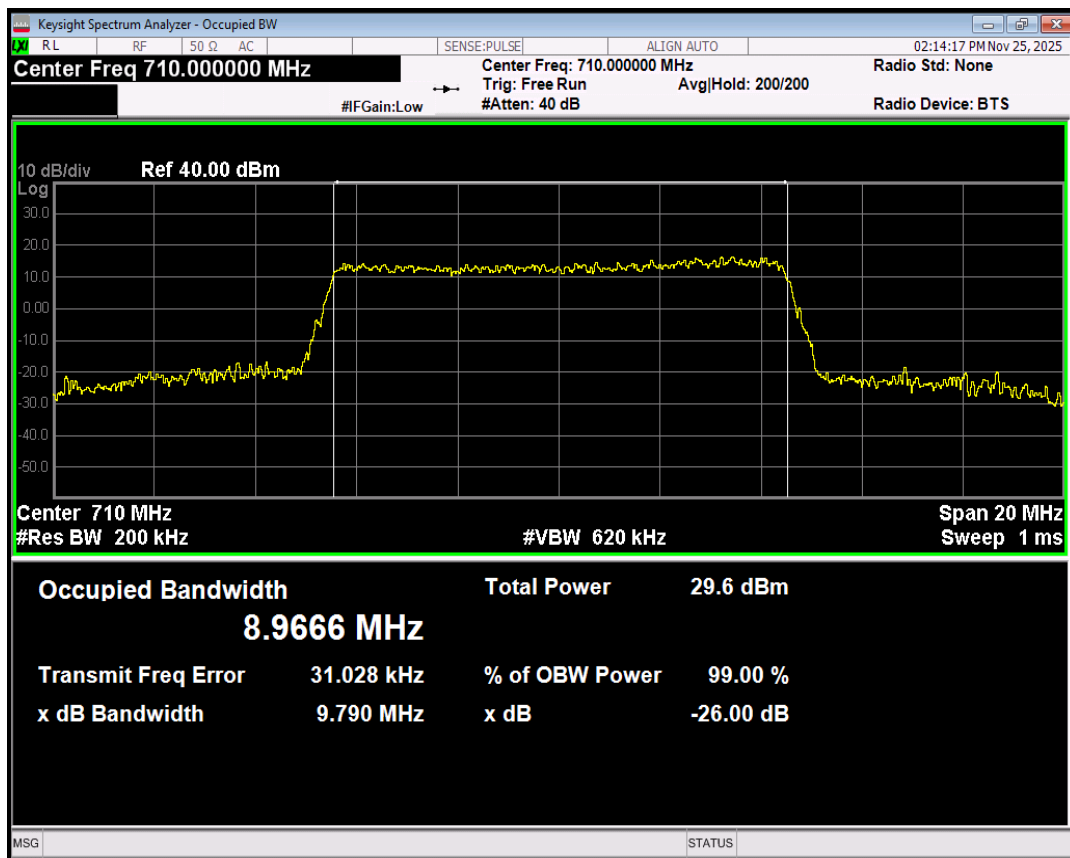
Band17 16QAM BW=5MHz Channel=23790 RB Size=25 Position=#0



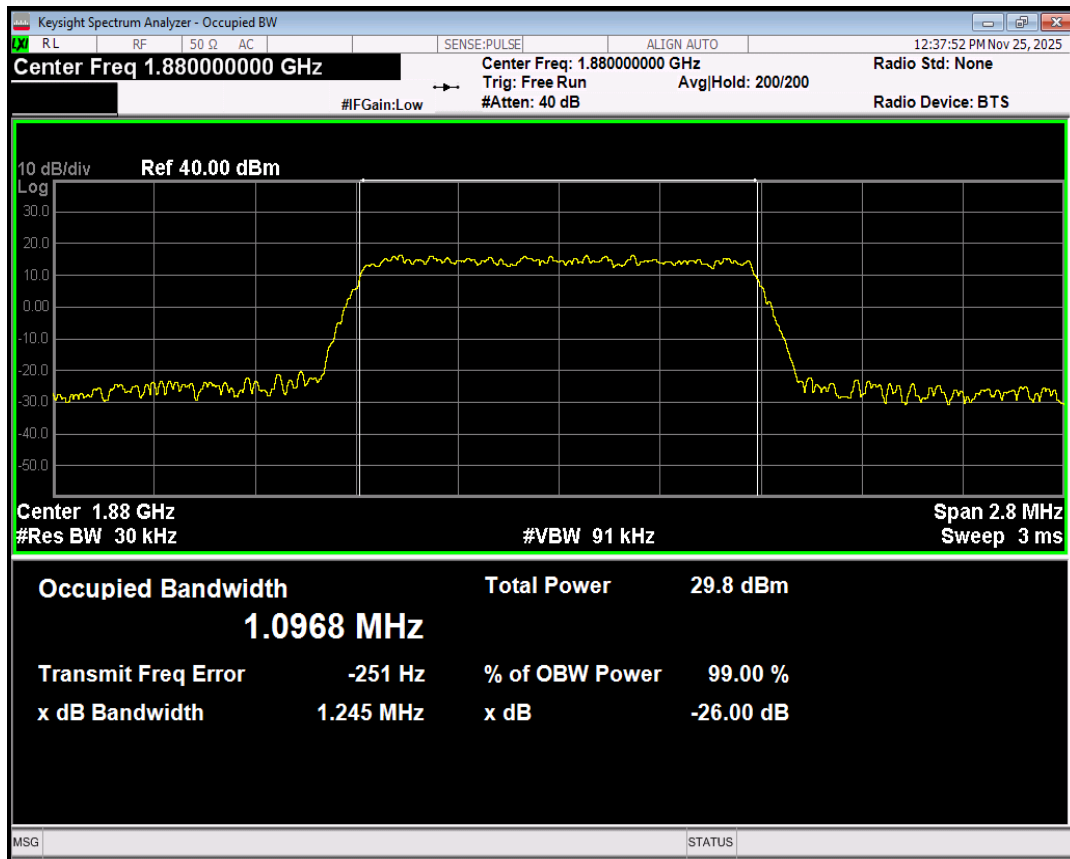
Band17 QPSK BW=10MHz Channel=23790 RB Size=50 Position=#0



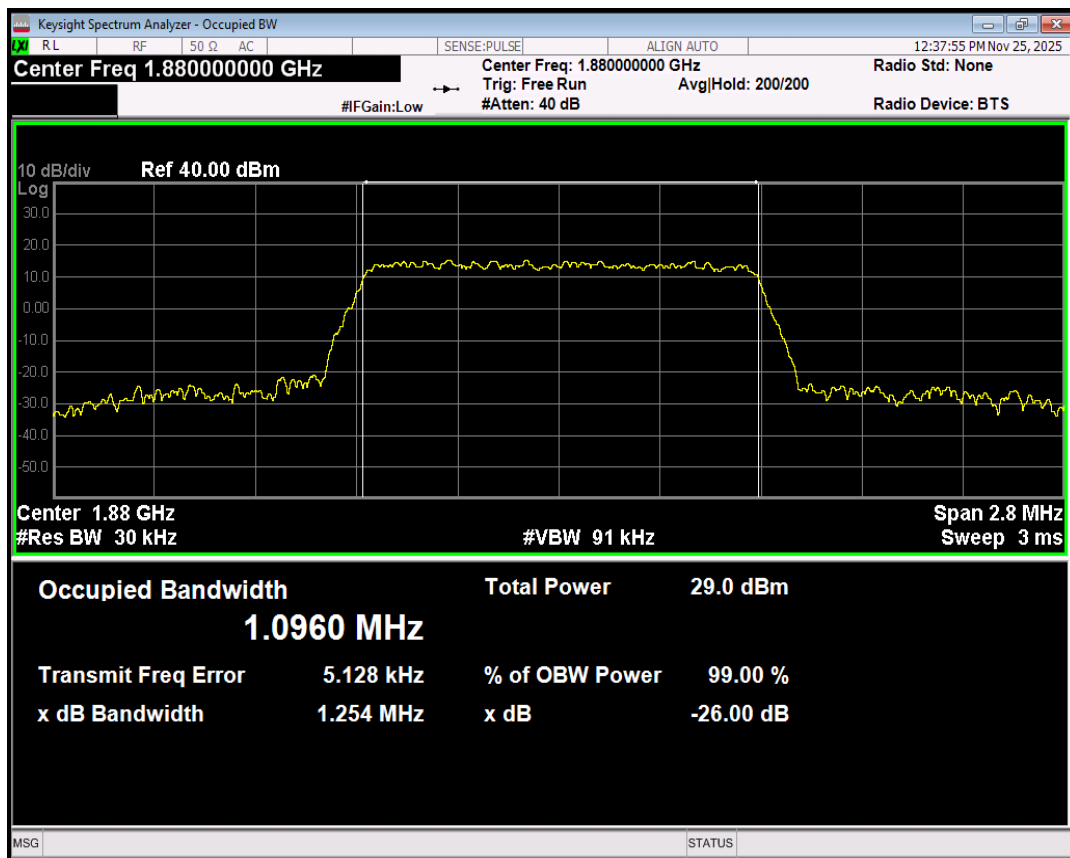
Band17 16QAM BW=10MHz Channel=23790 RB Size=50 Position=#0



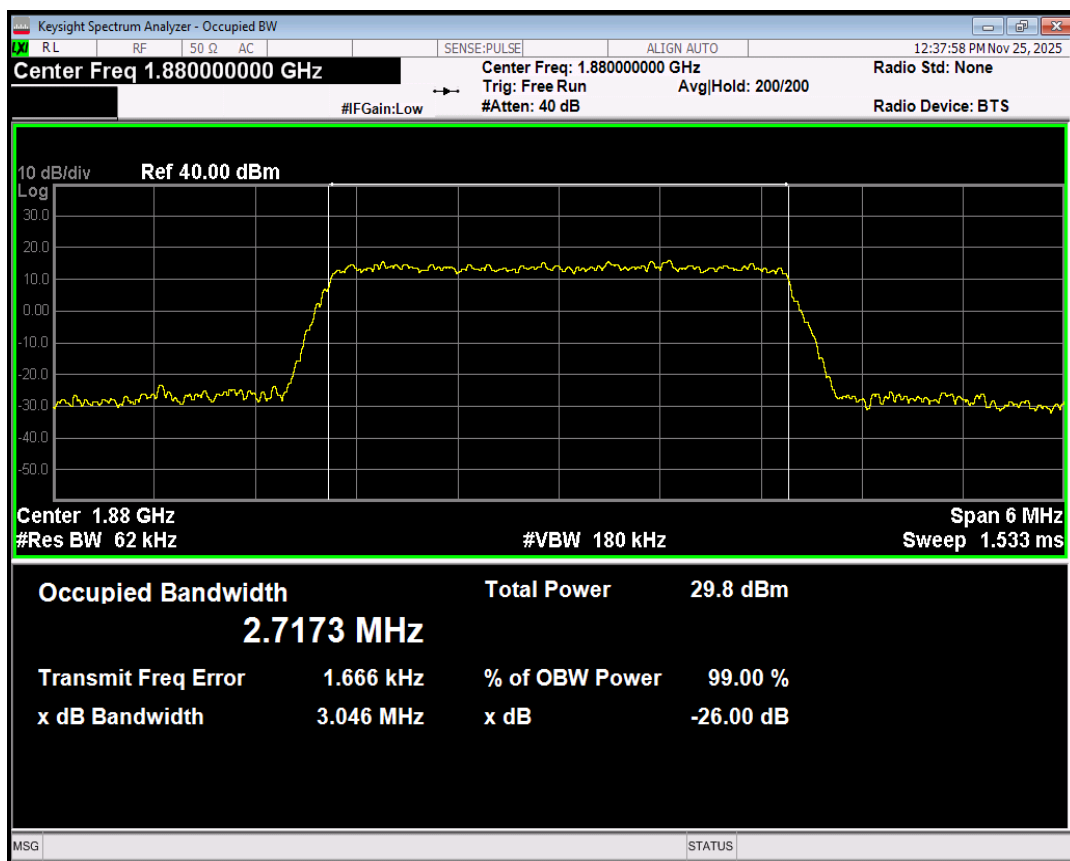
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



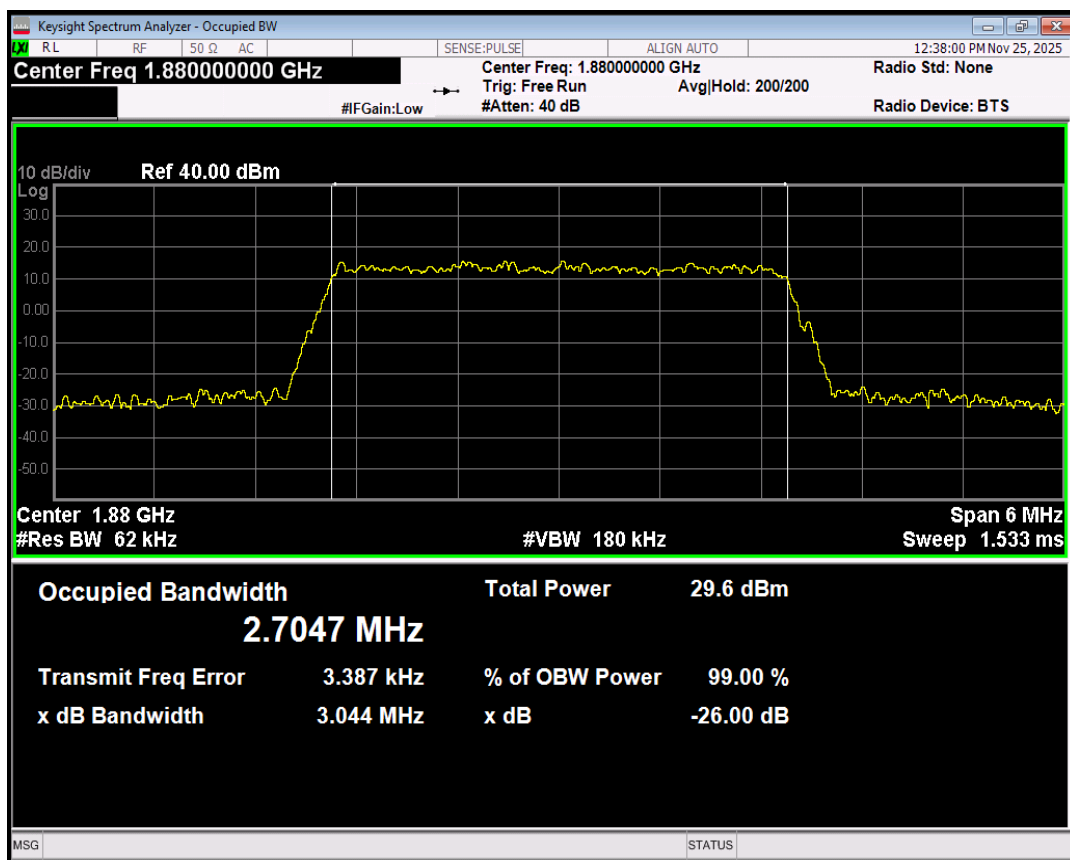
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



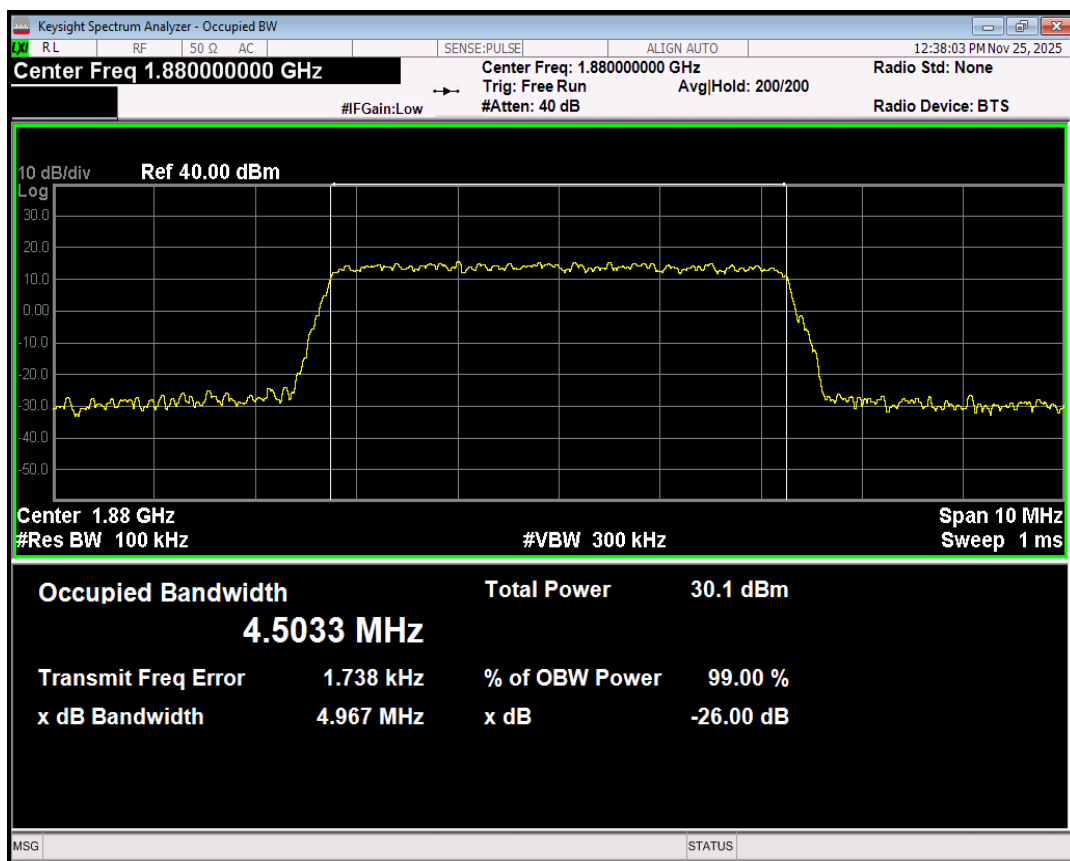
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



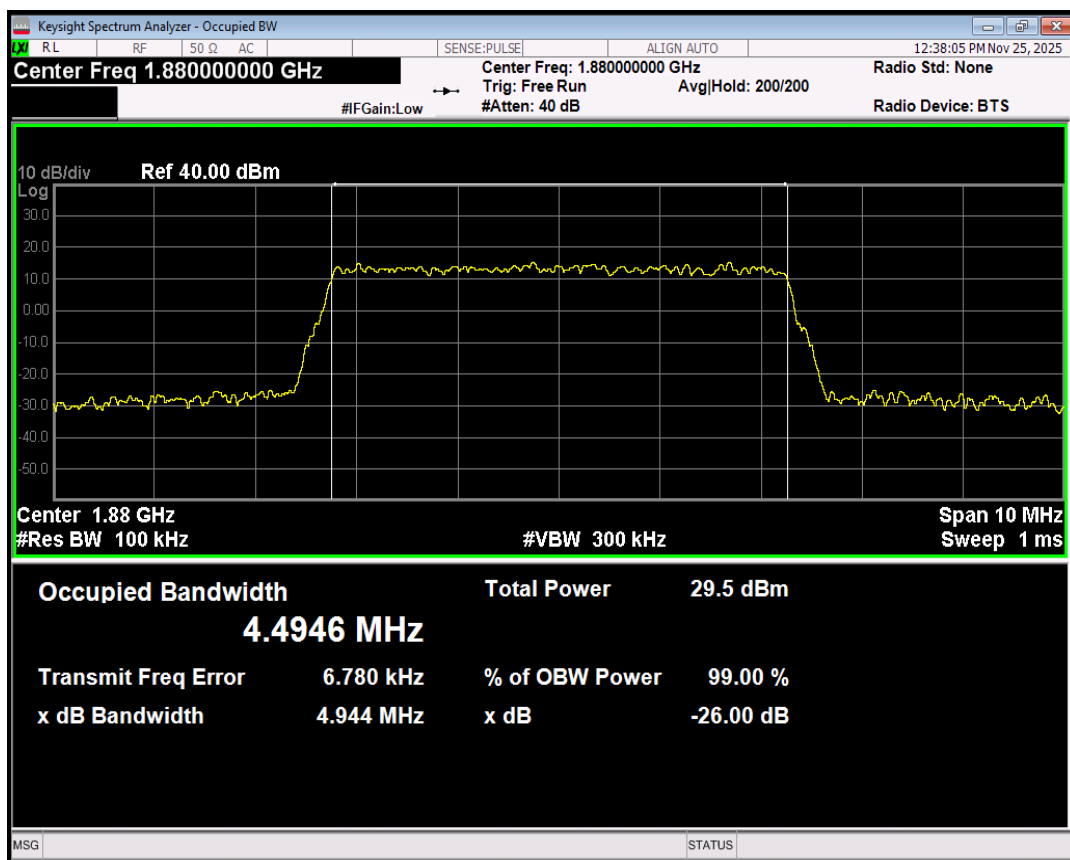
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



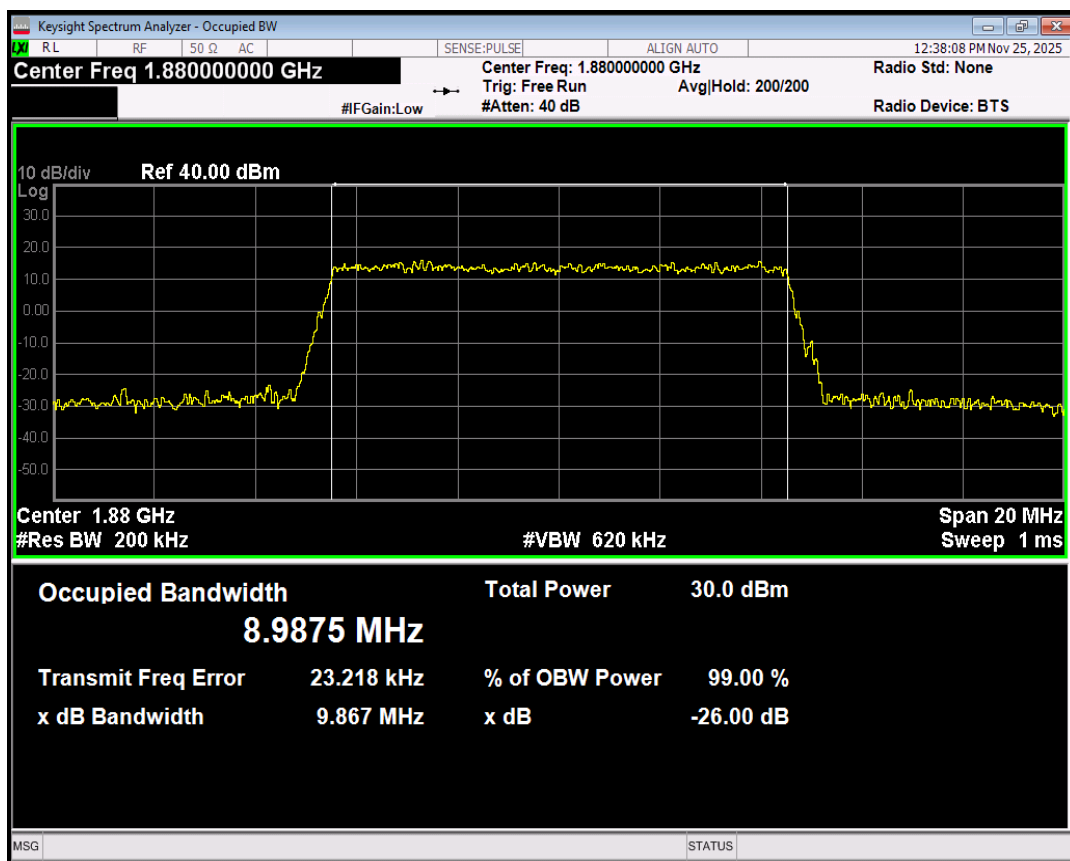
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



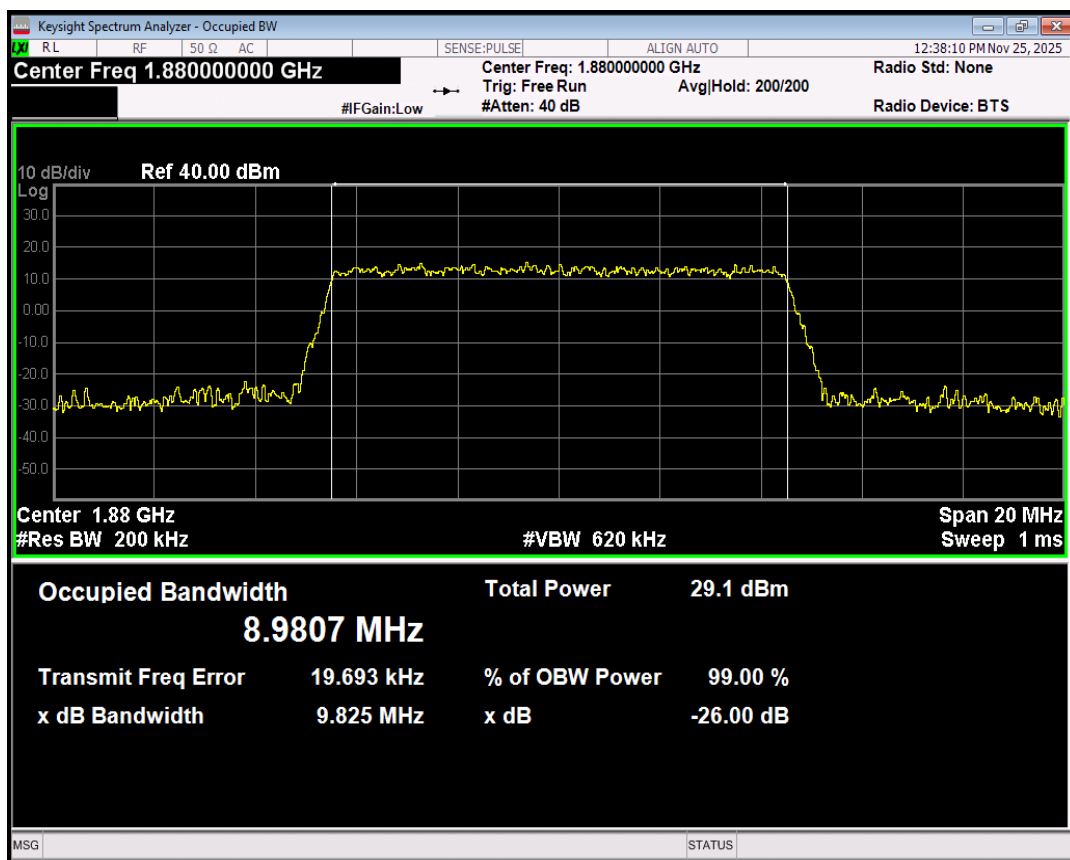
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



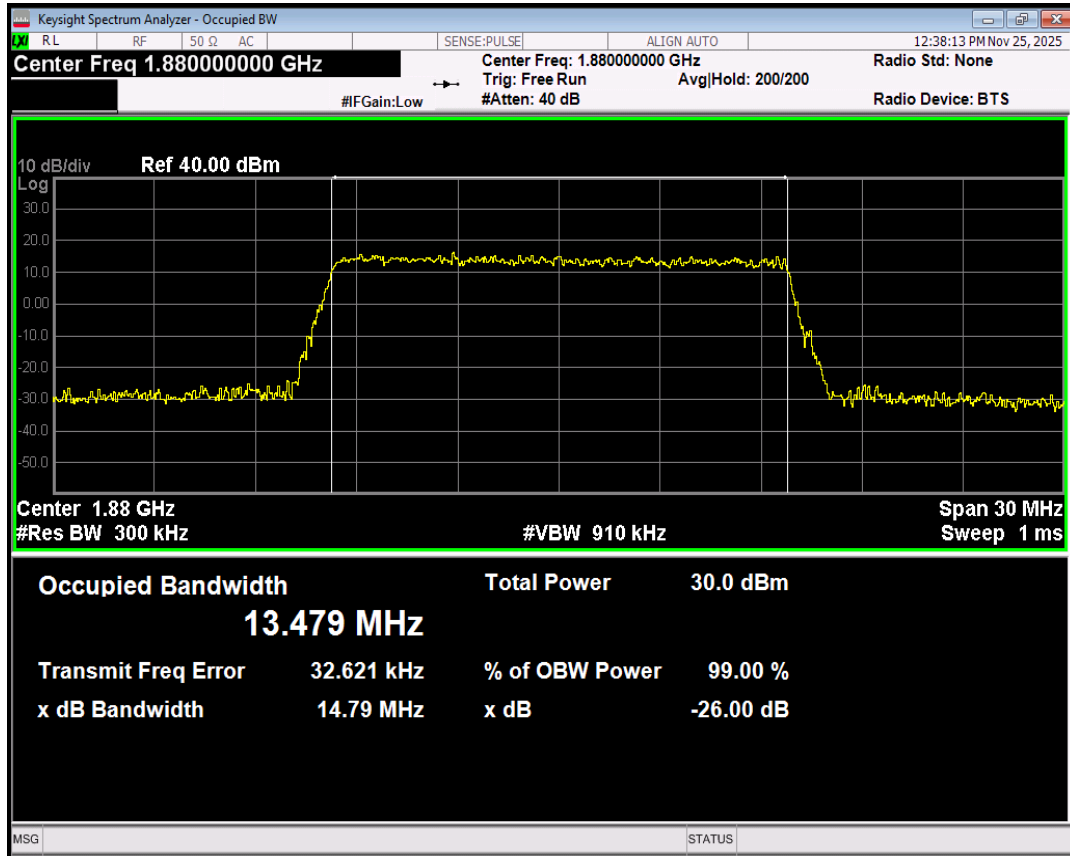
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



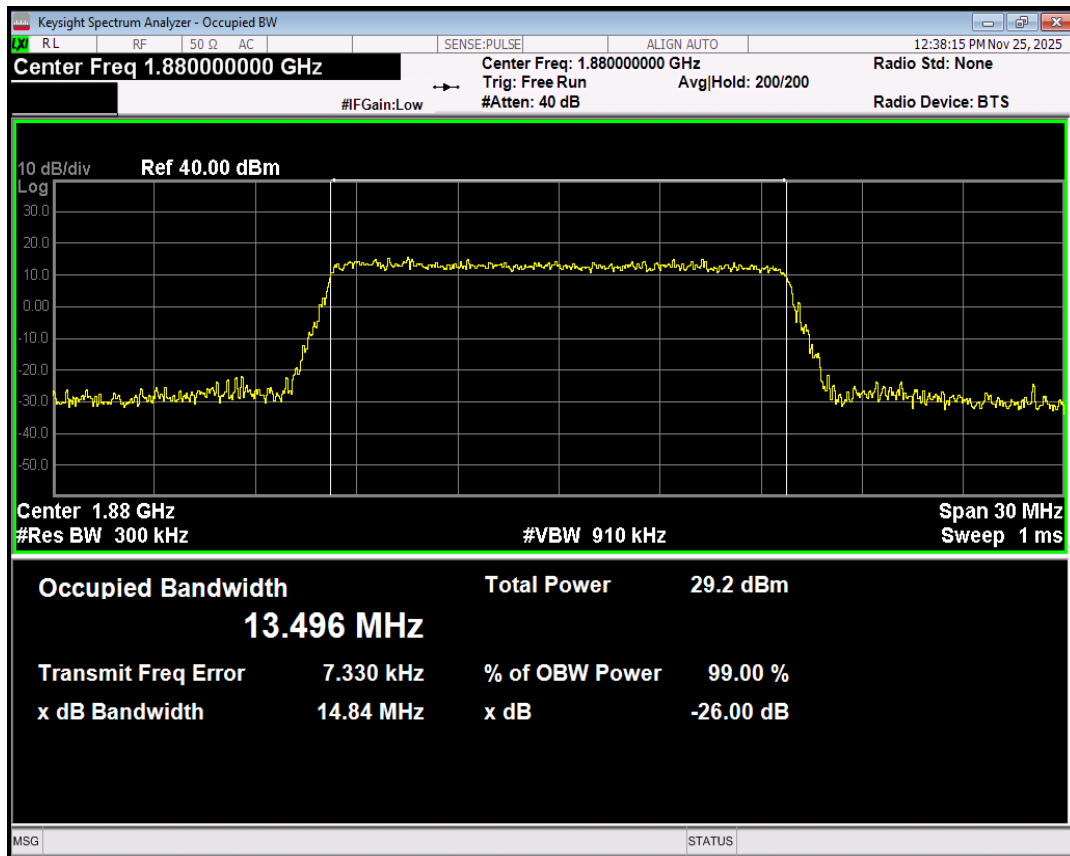
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



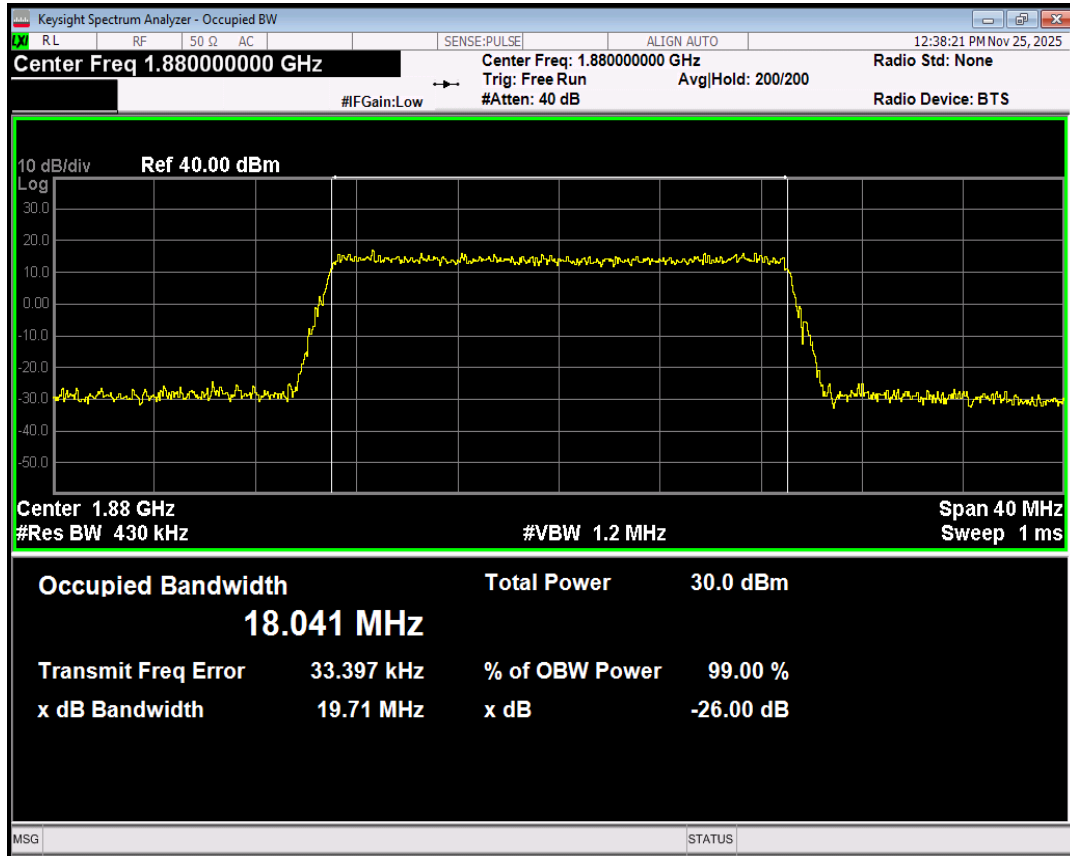
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



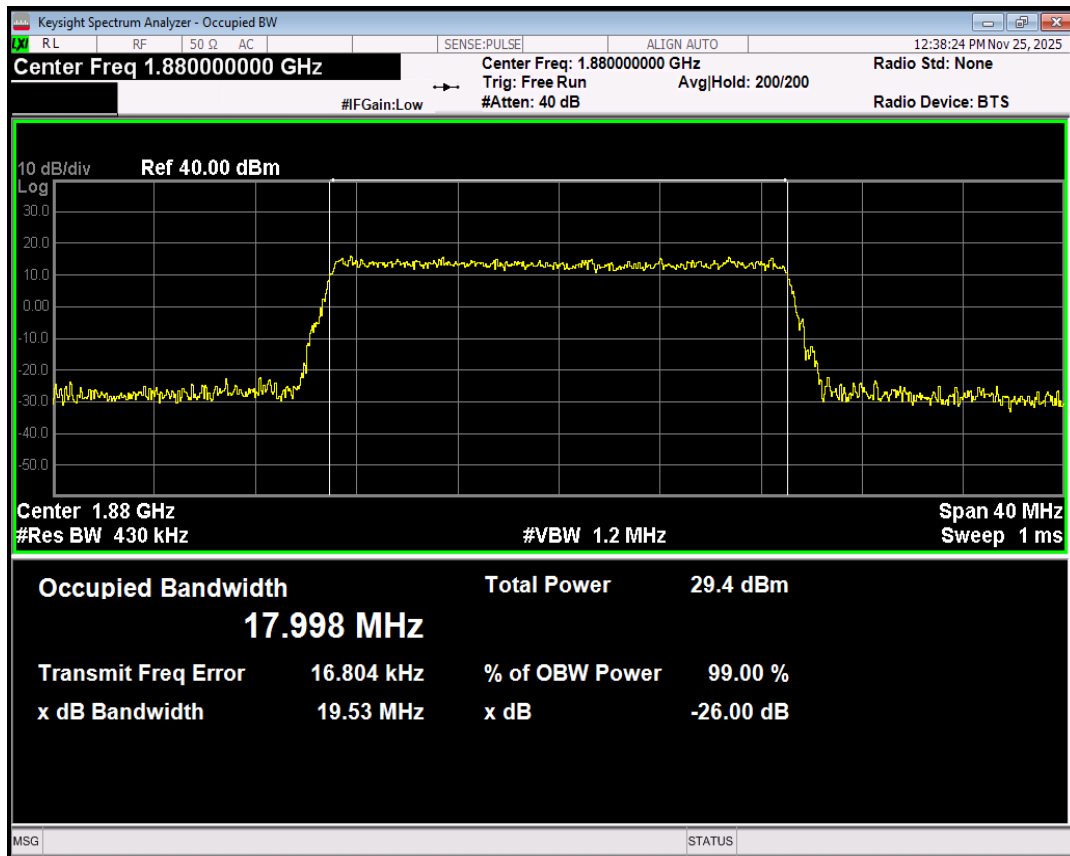
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



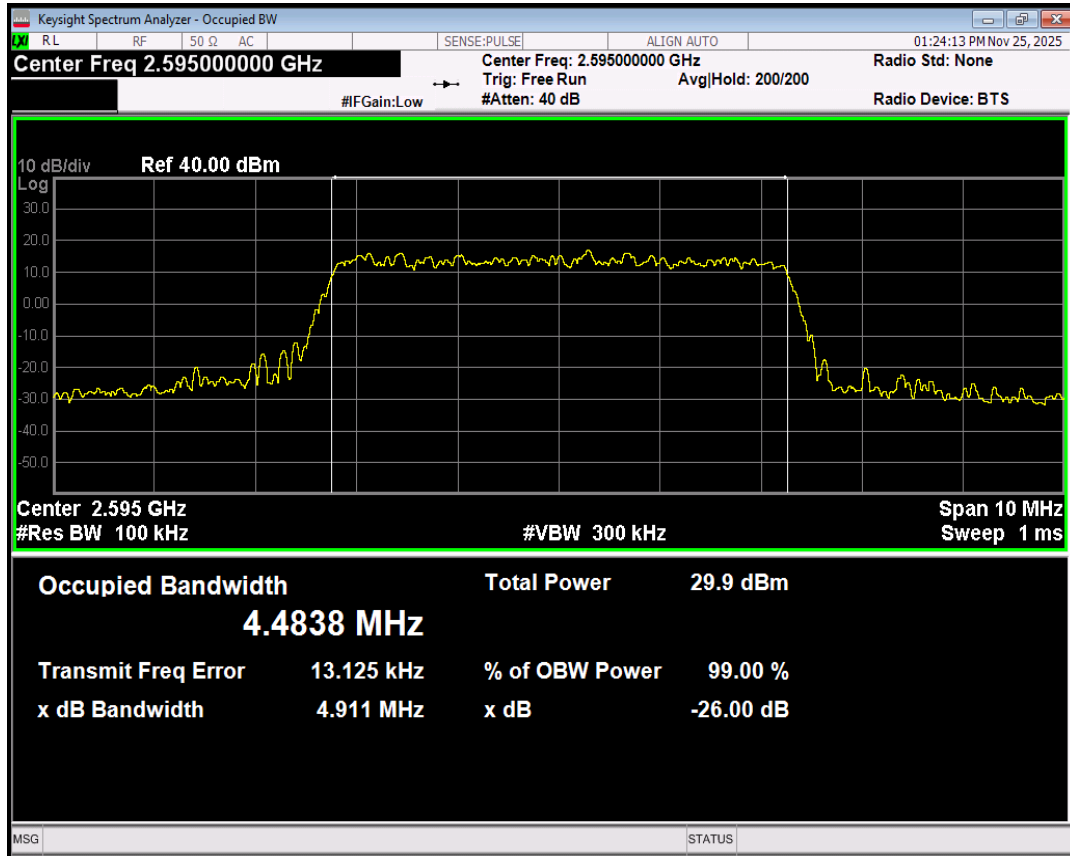
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



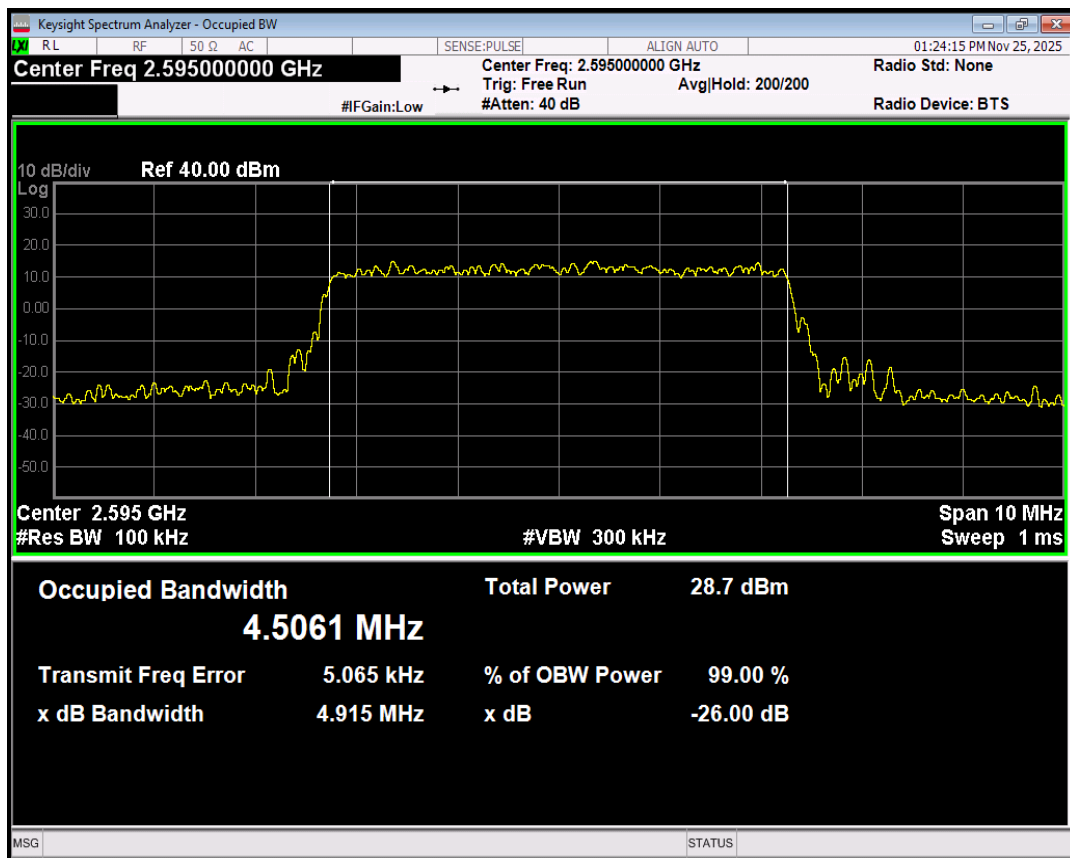
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



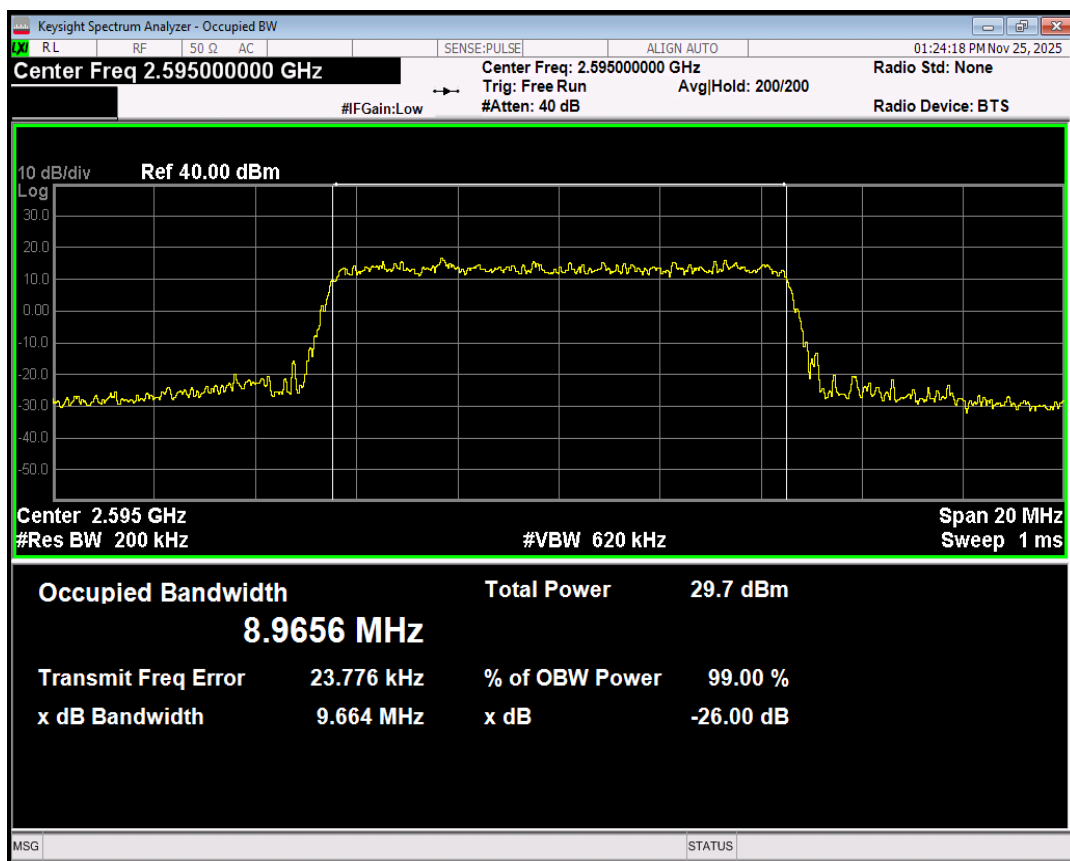
Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0



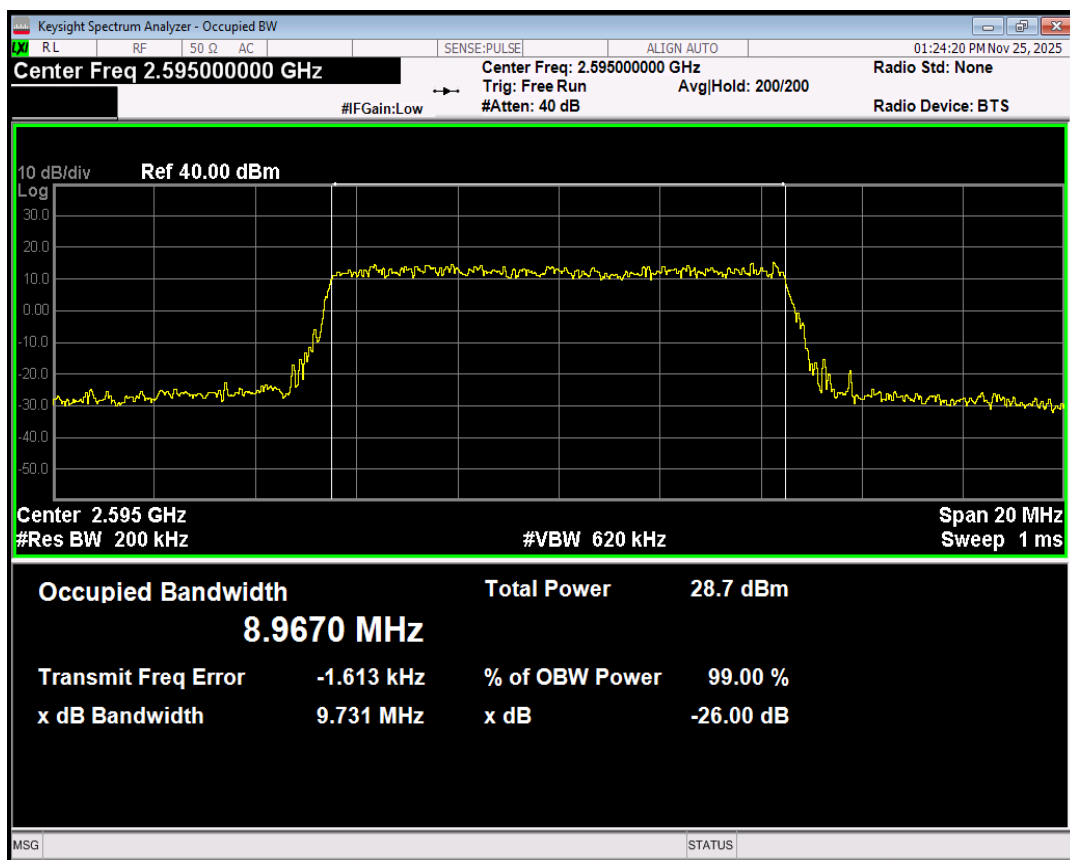
Band38 16QAM BW=5MHz Channel=38000 RB Size=25 Position=#0



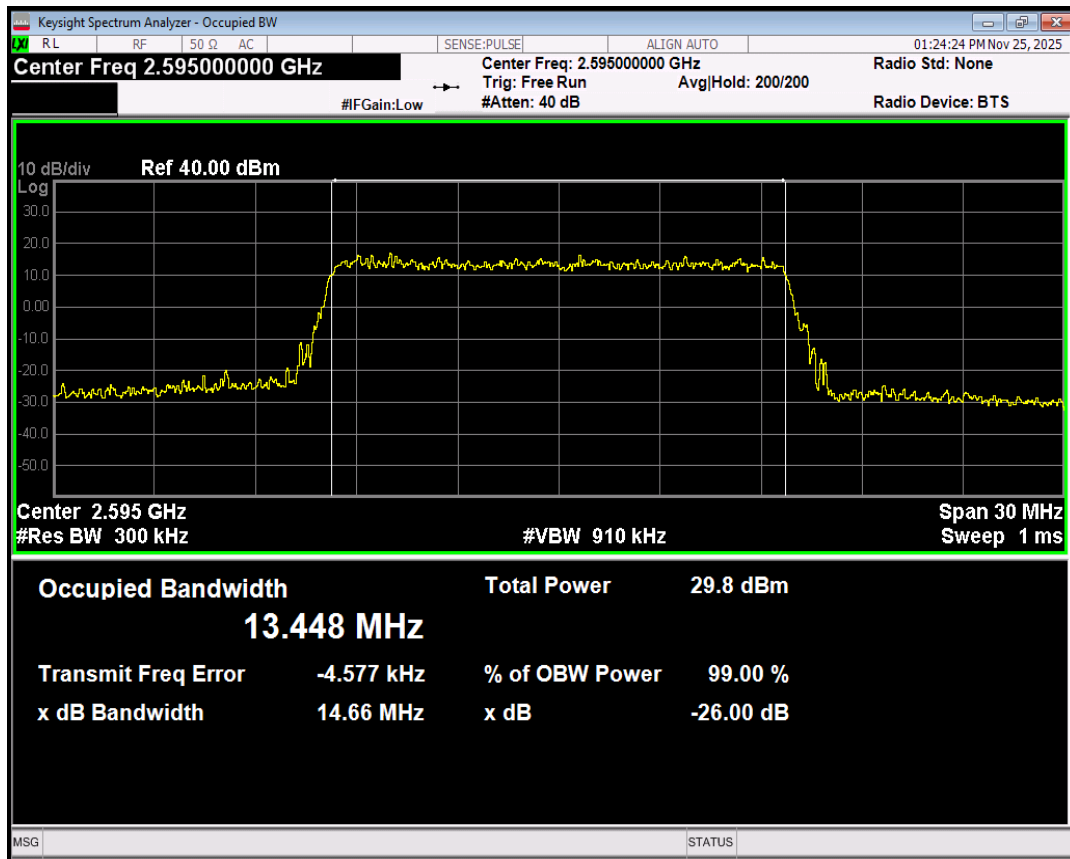
Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0



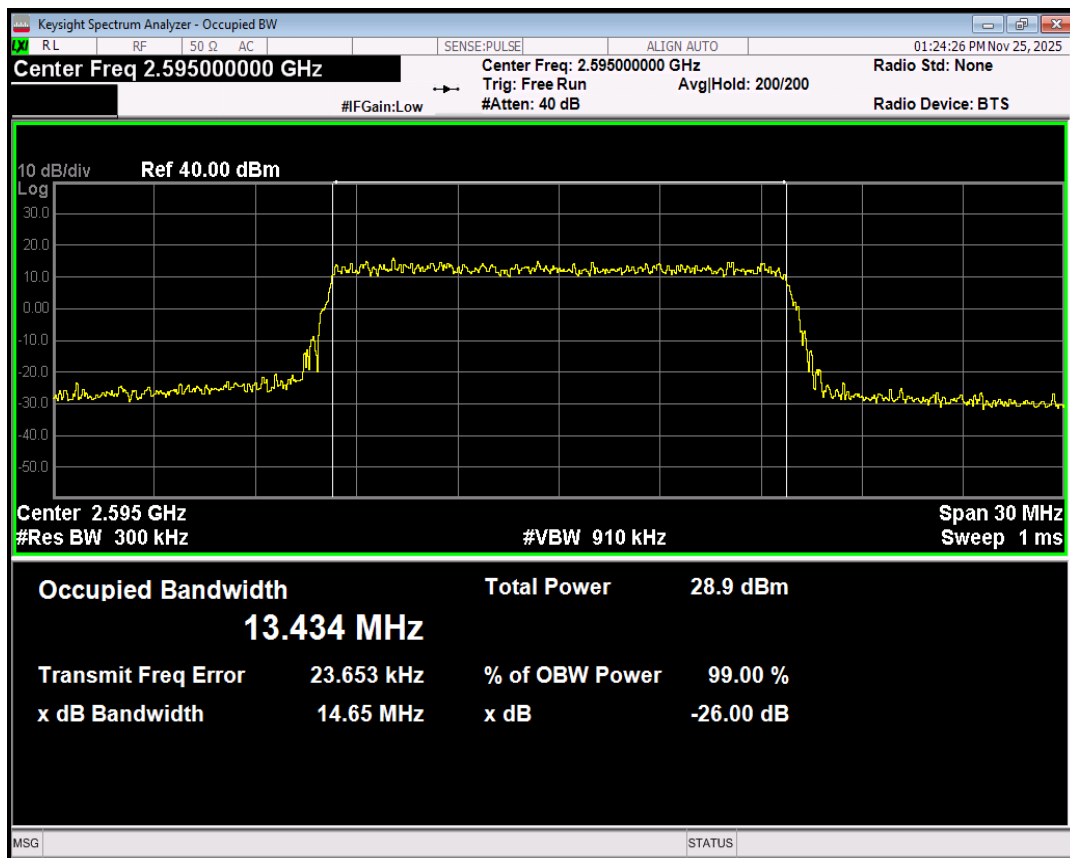
Band38 16QAM BW=10MHz Channel=38000 RB Size=50 Position=#0



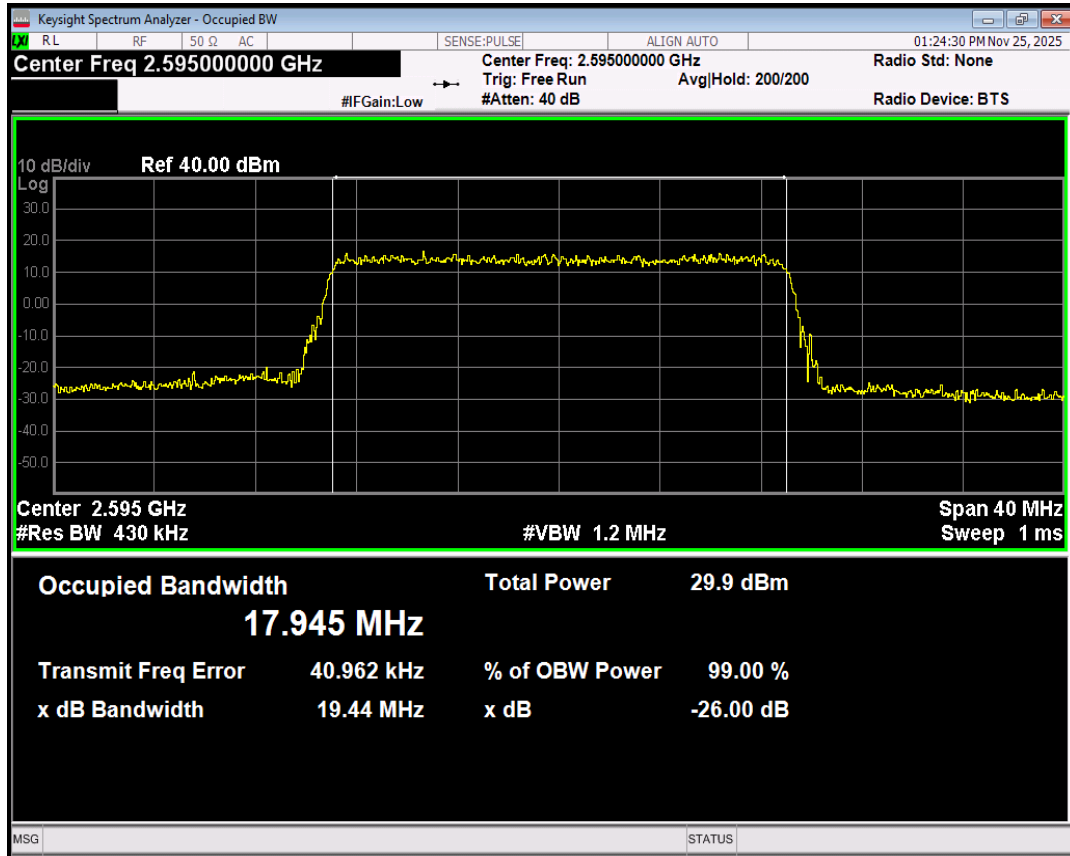
Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0



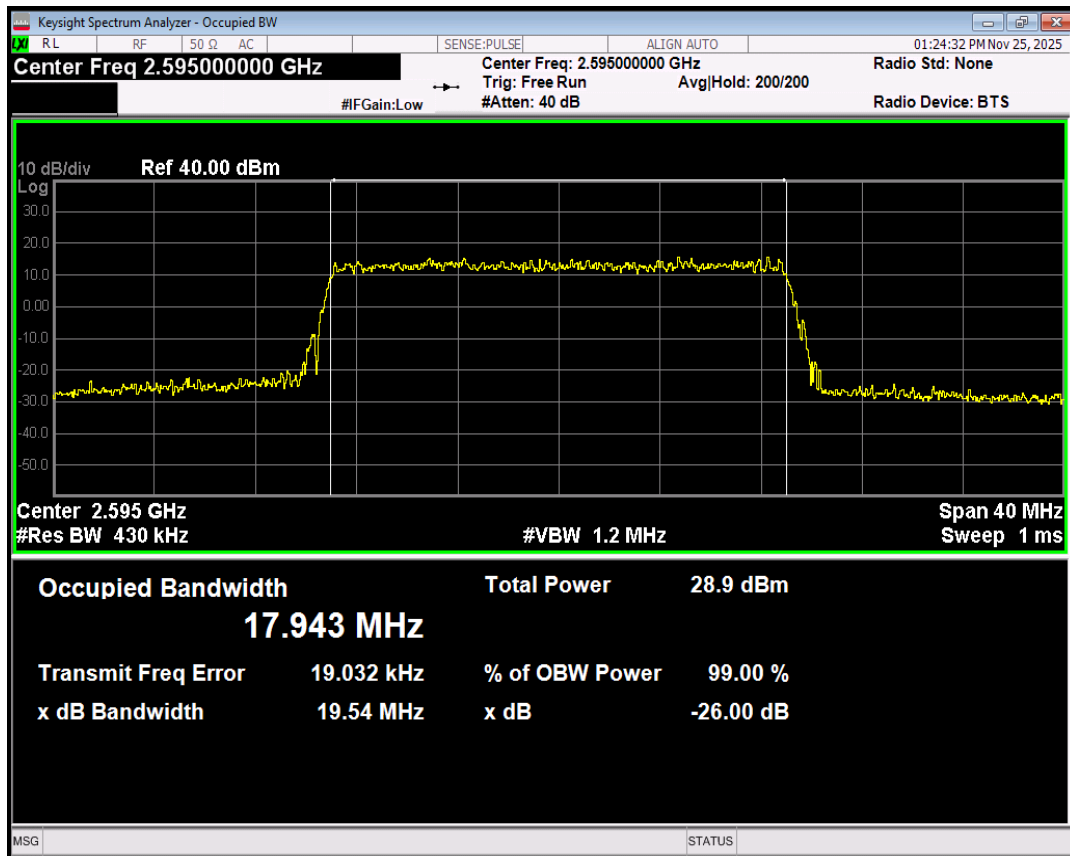
Band38 16QAM BW=15MHz Channel=38000 RB Size=75 Position=#0



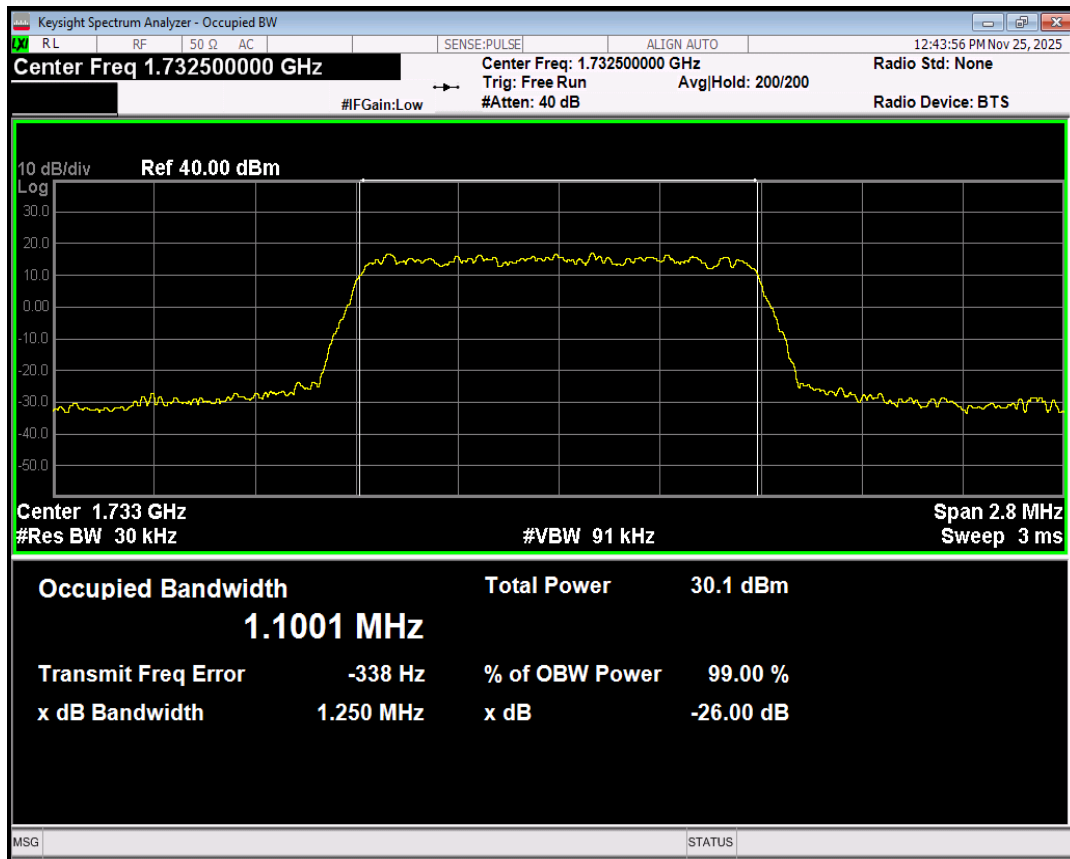
Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



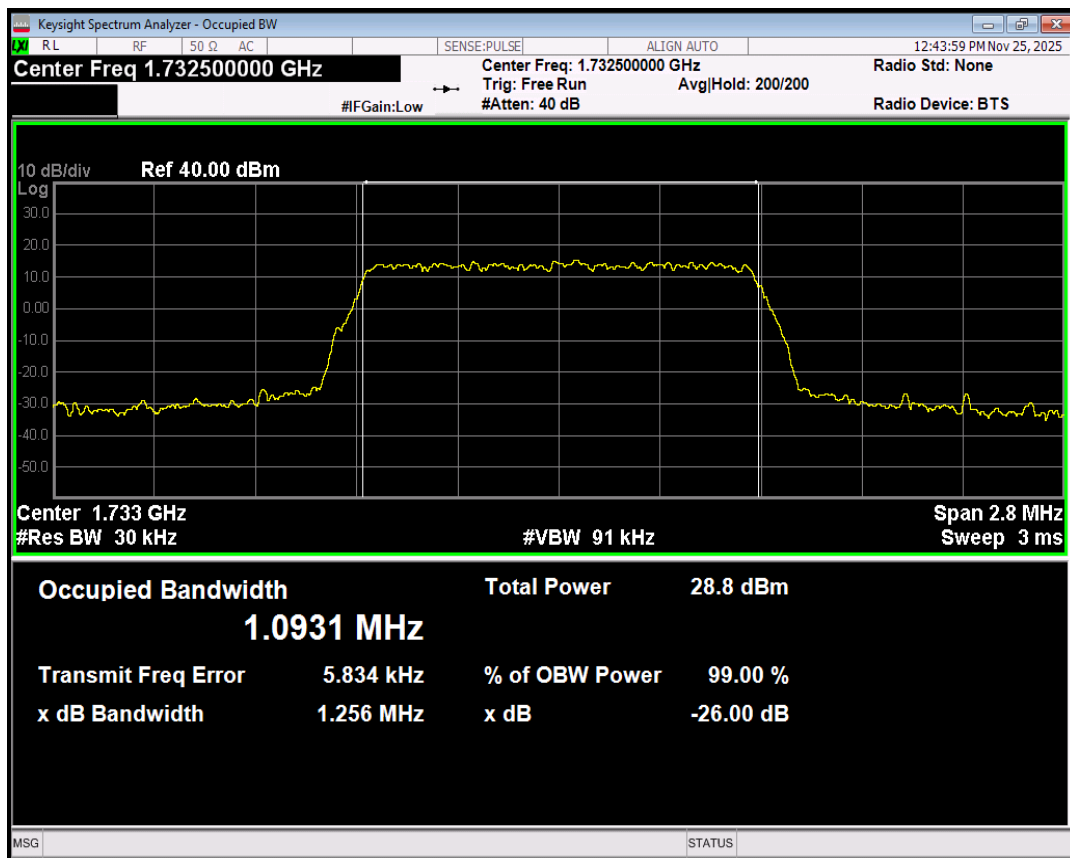
Band38 16QAM BW=20MHz Channel=38000 RB Size=100 Position=#0



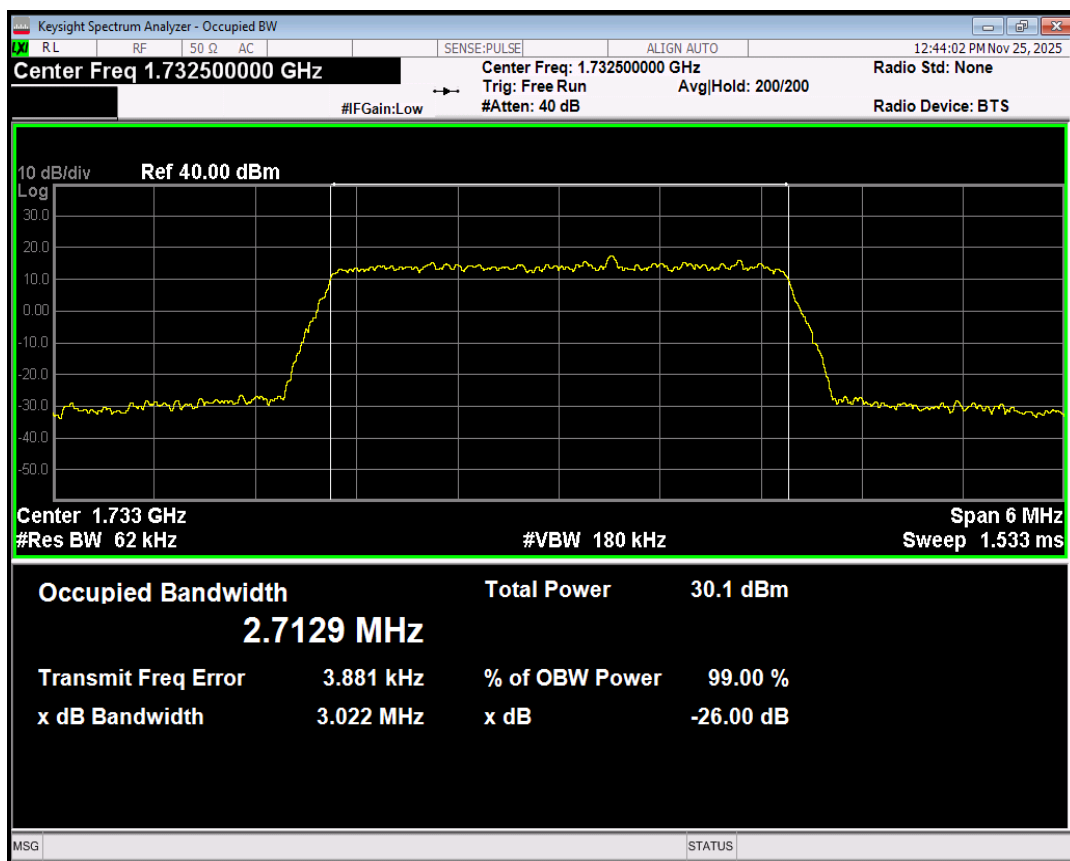
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



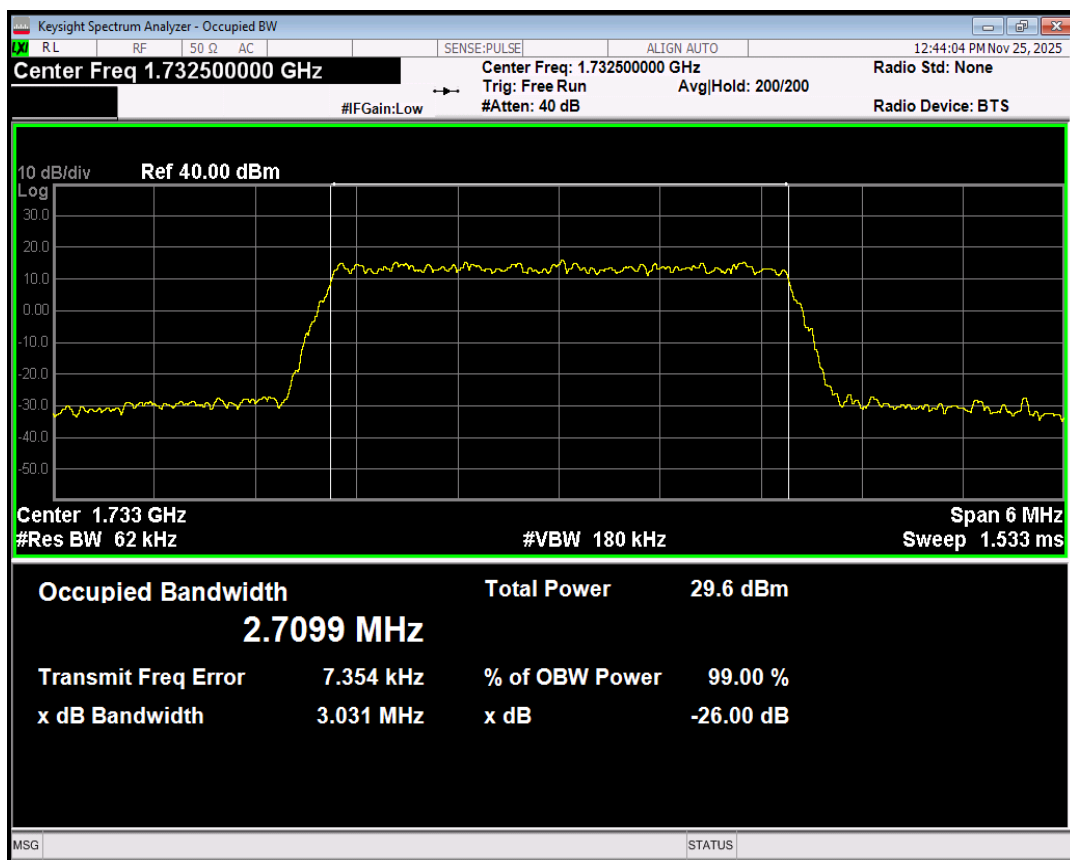
Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0



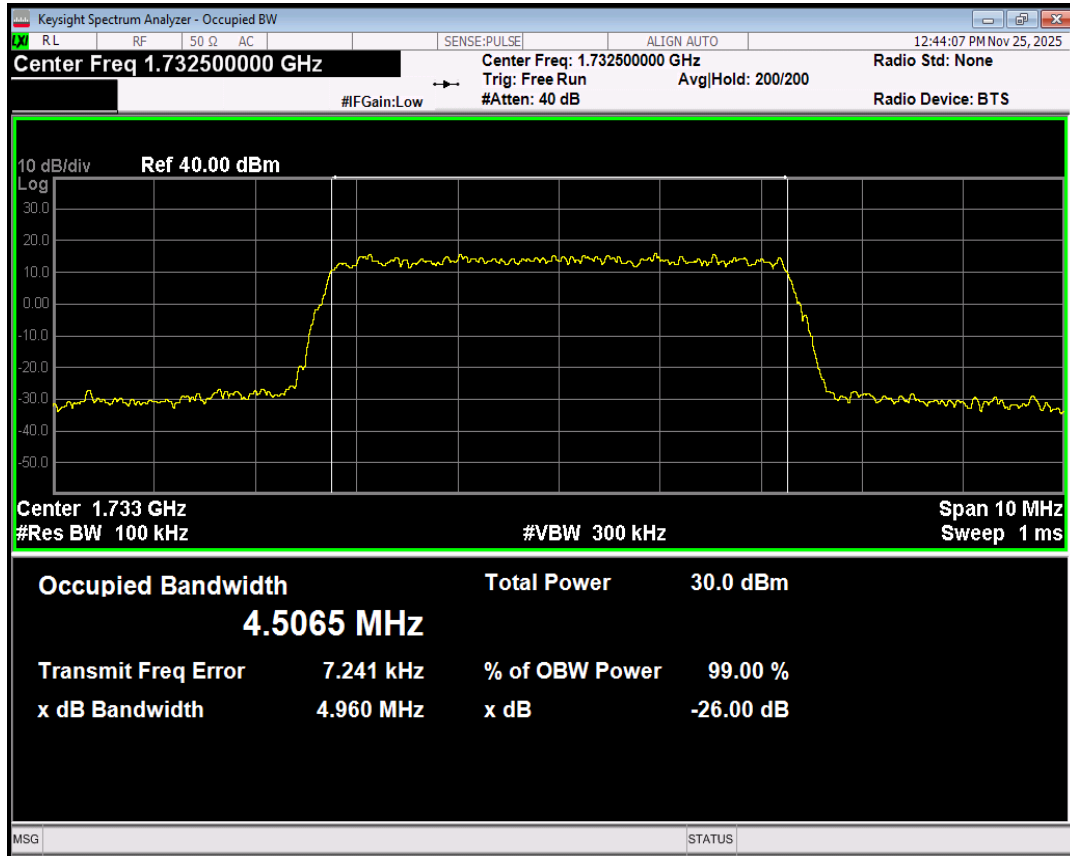
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



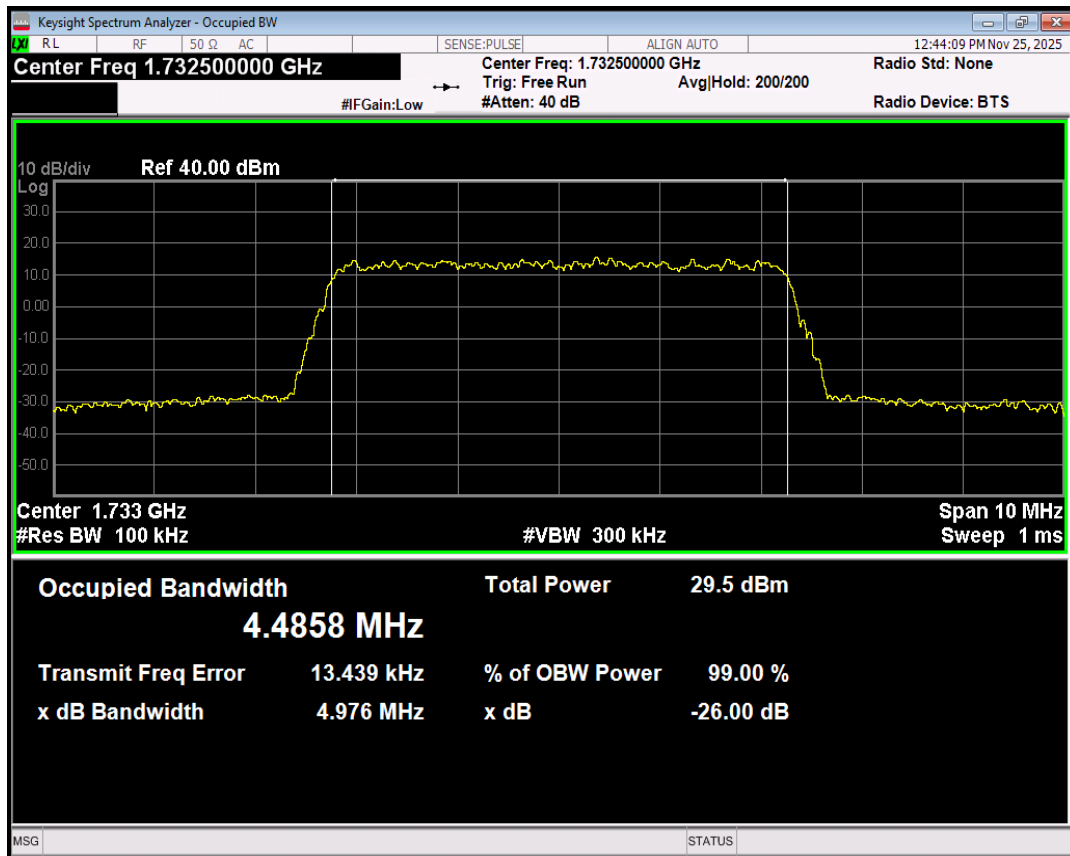
Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0



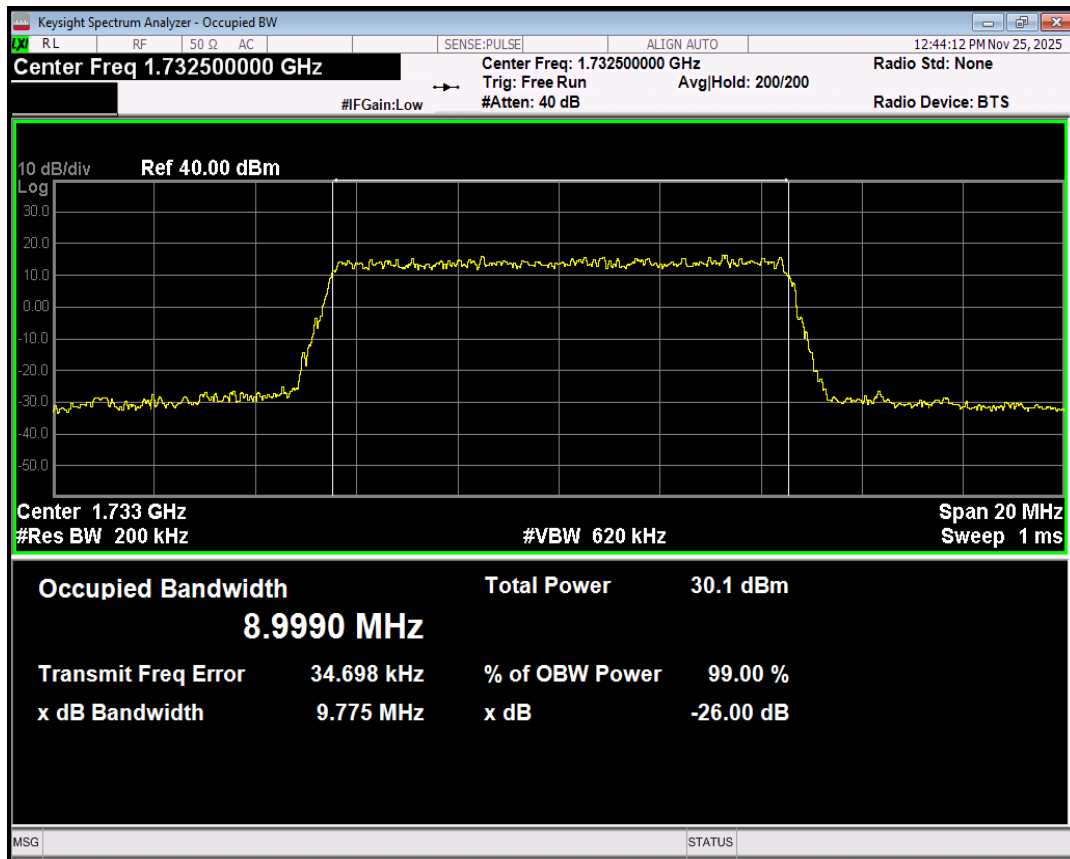
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



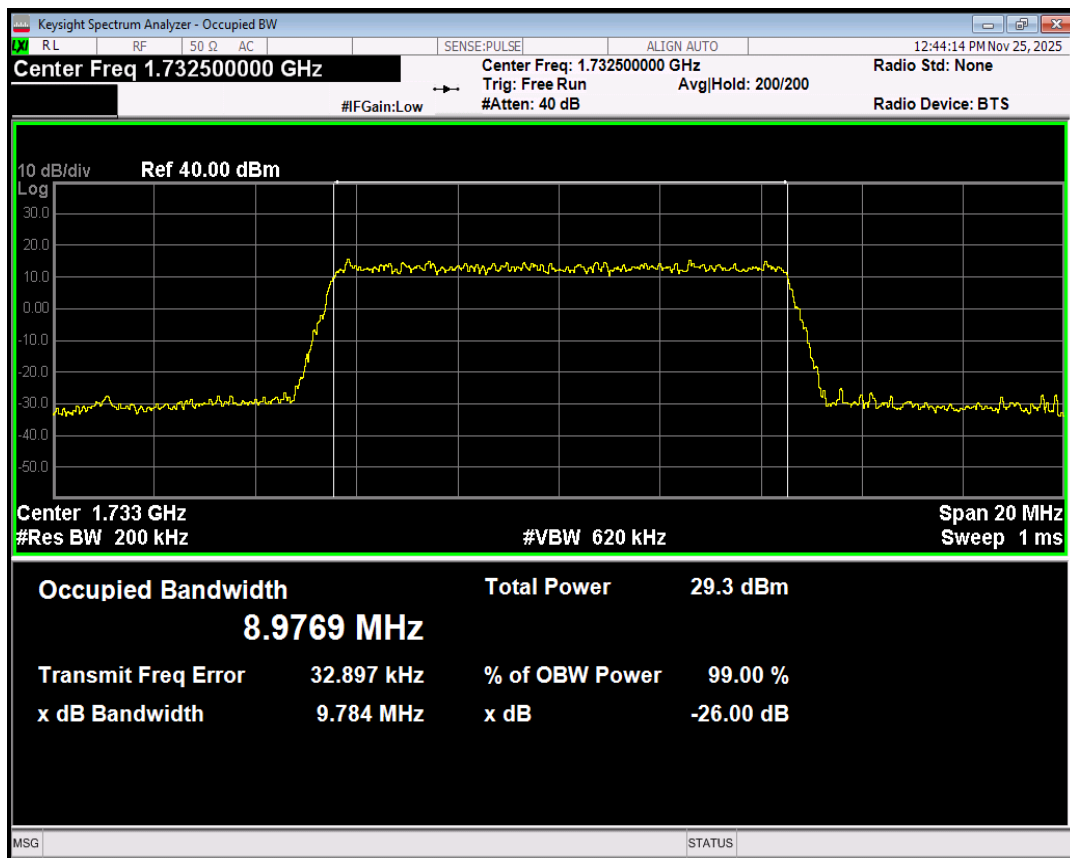
Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0



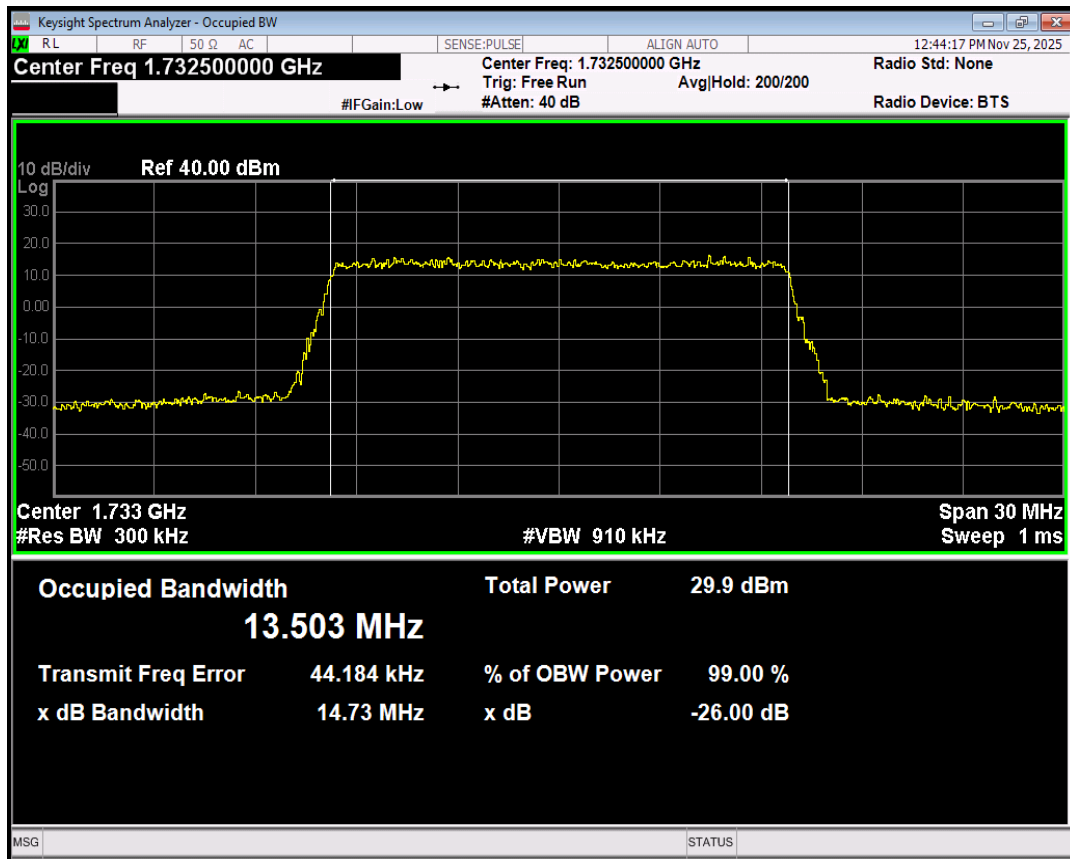
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



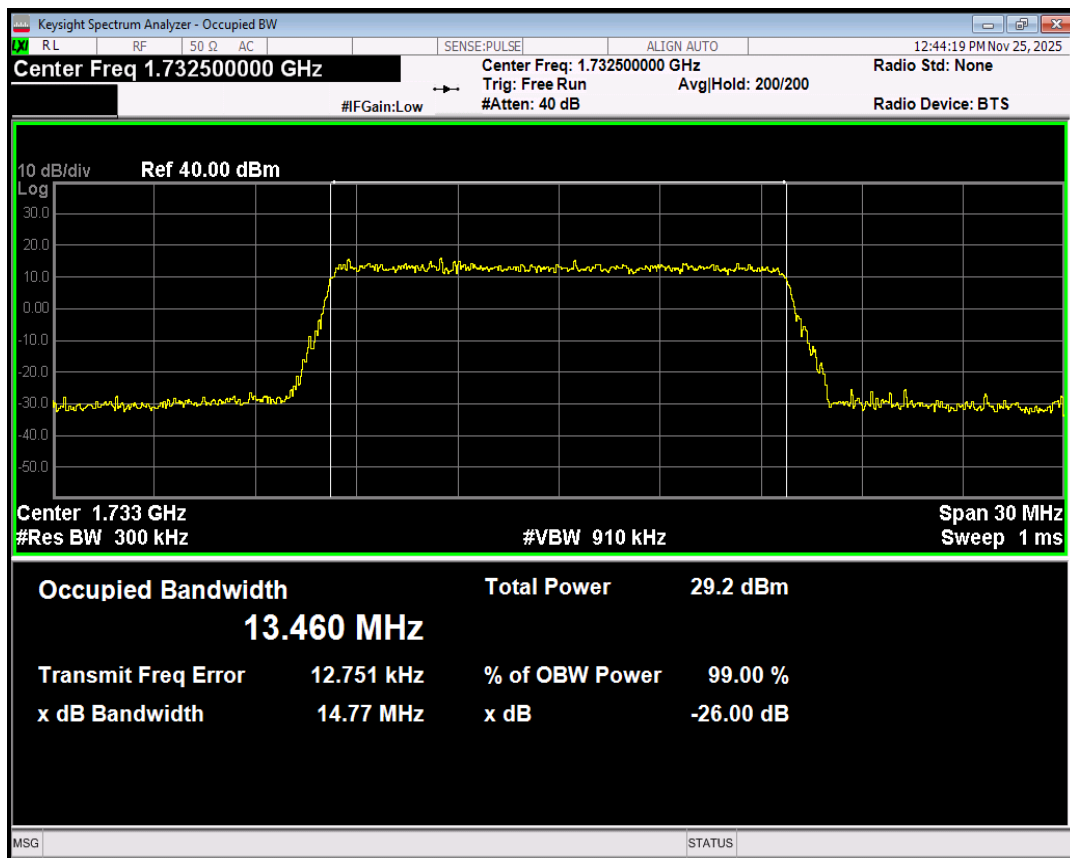
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0



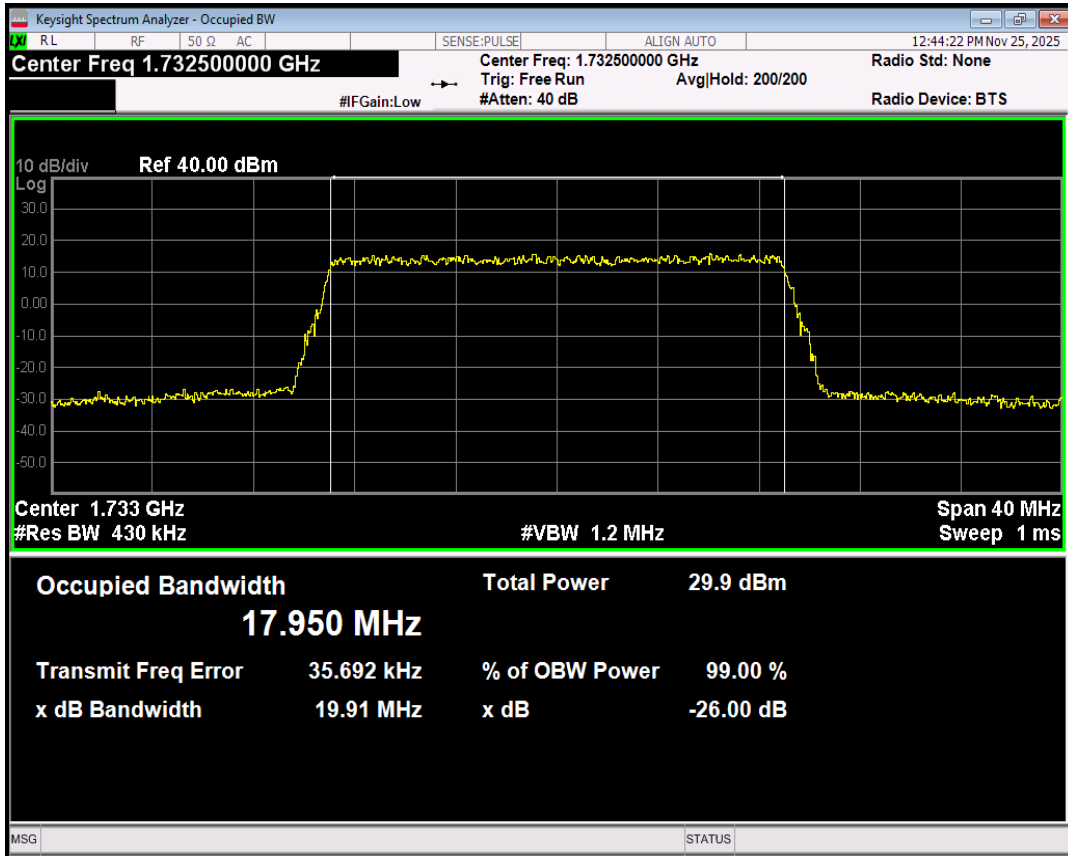
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



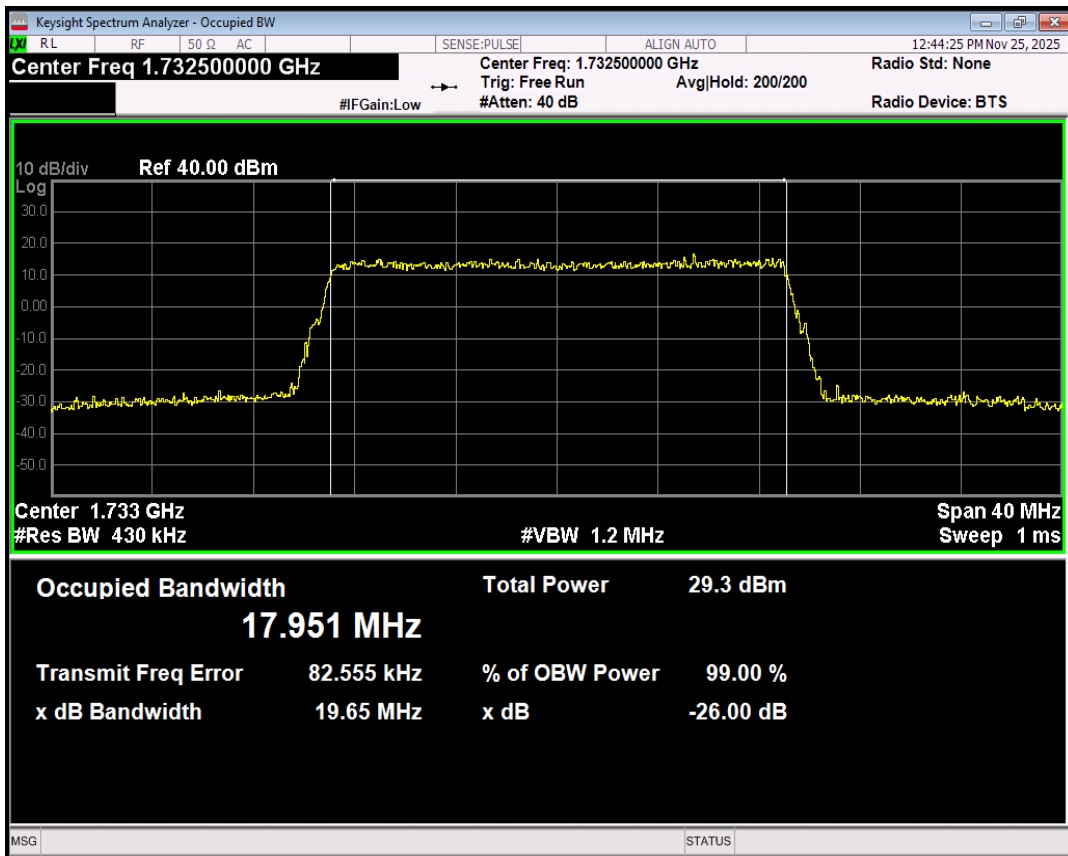
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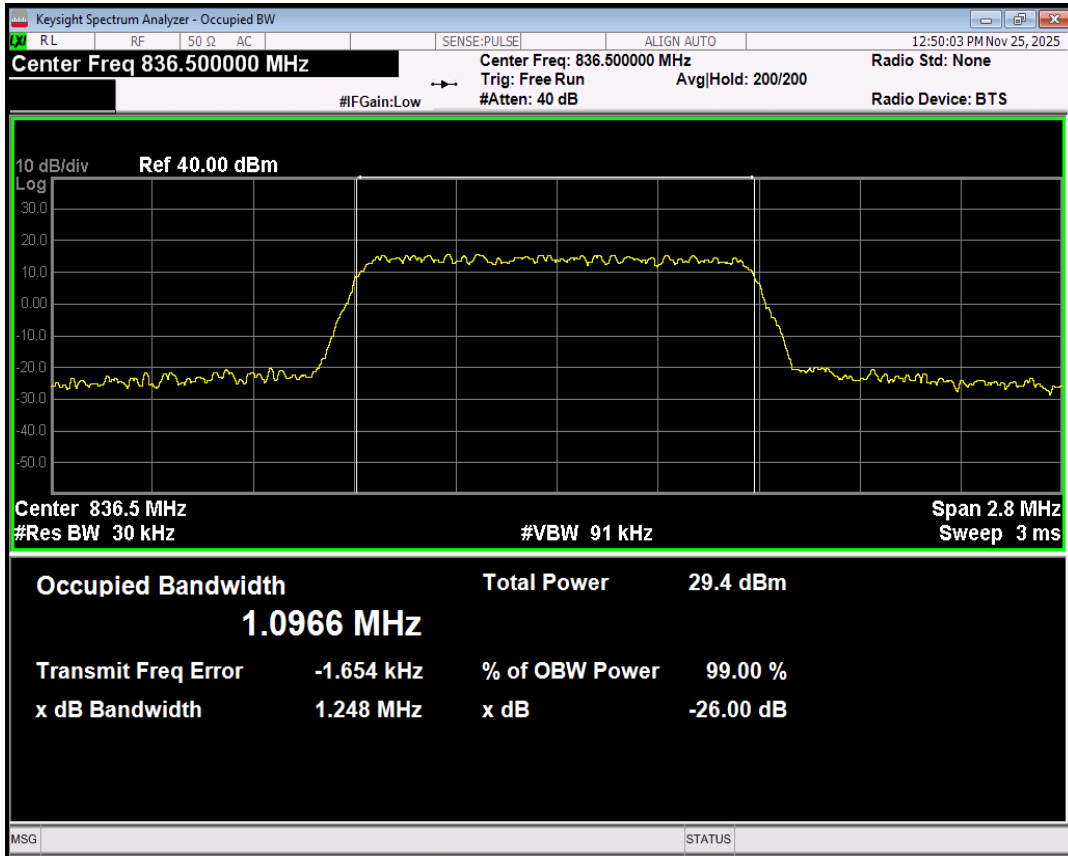
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



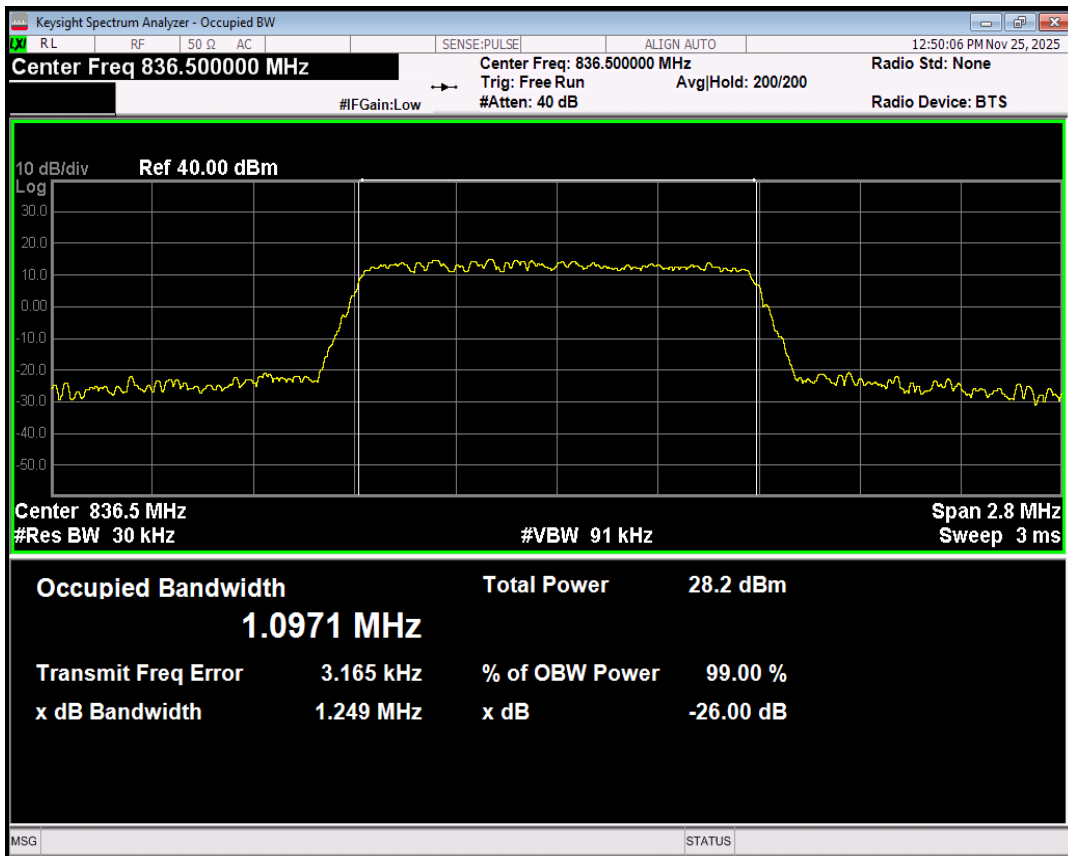
Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



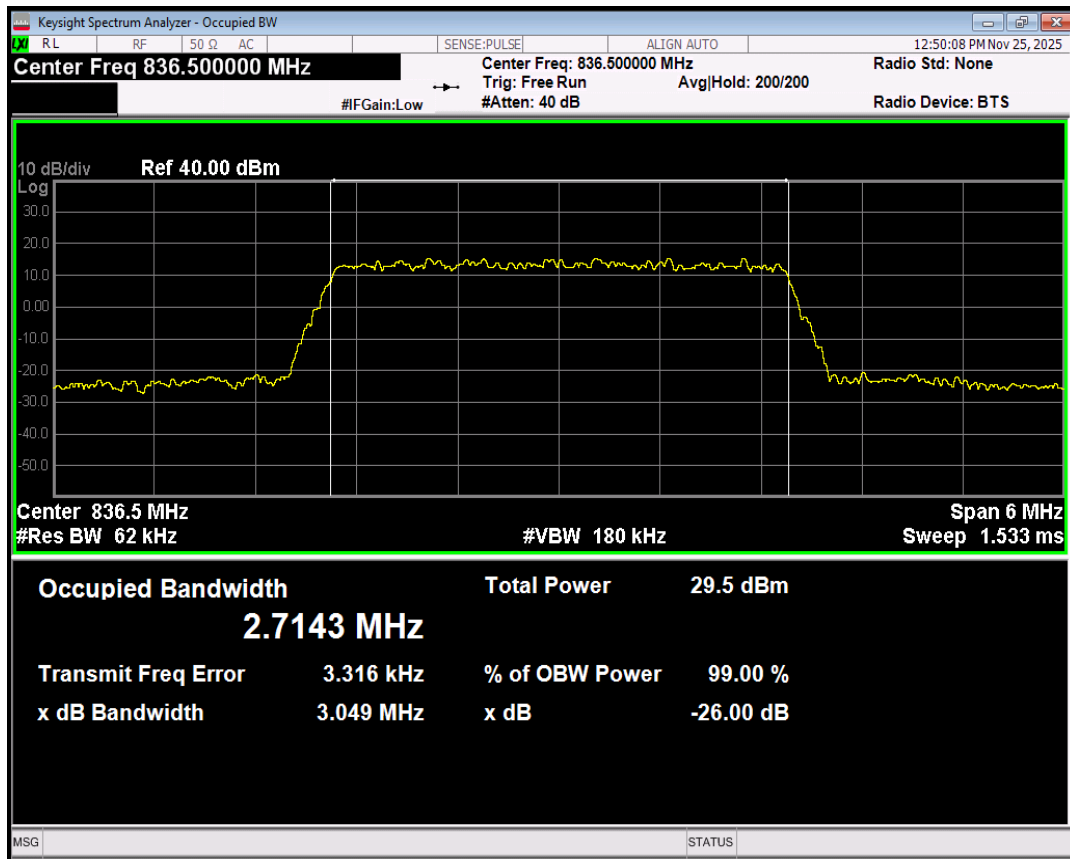
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



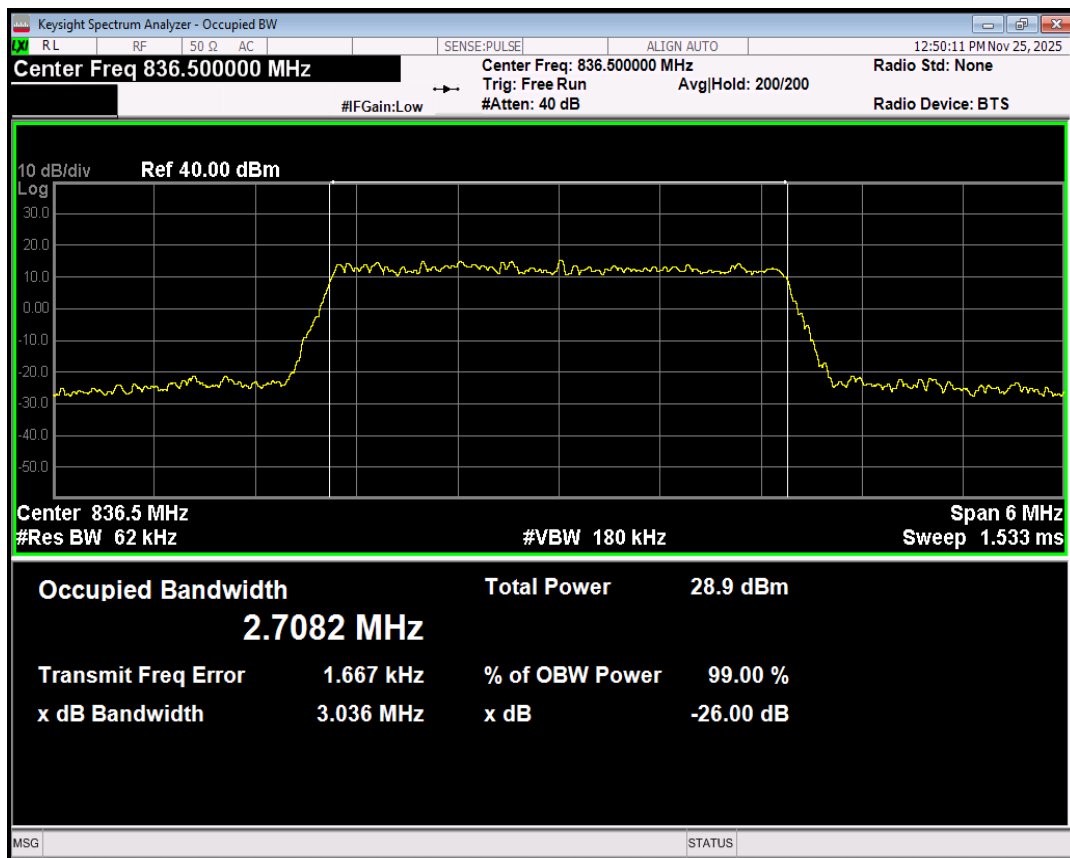
Band5 16QAM BW=1.4MHz Channel=20525 RB Size=6 Position=#0



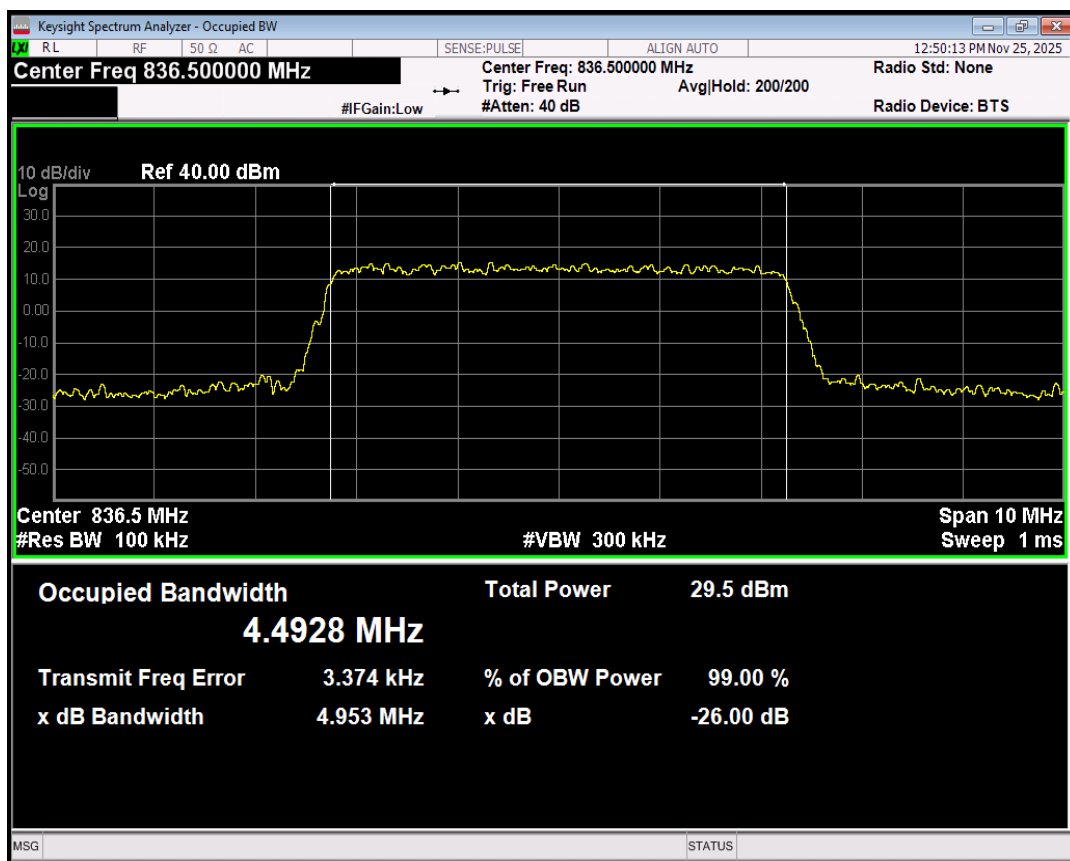
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



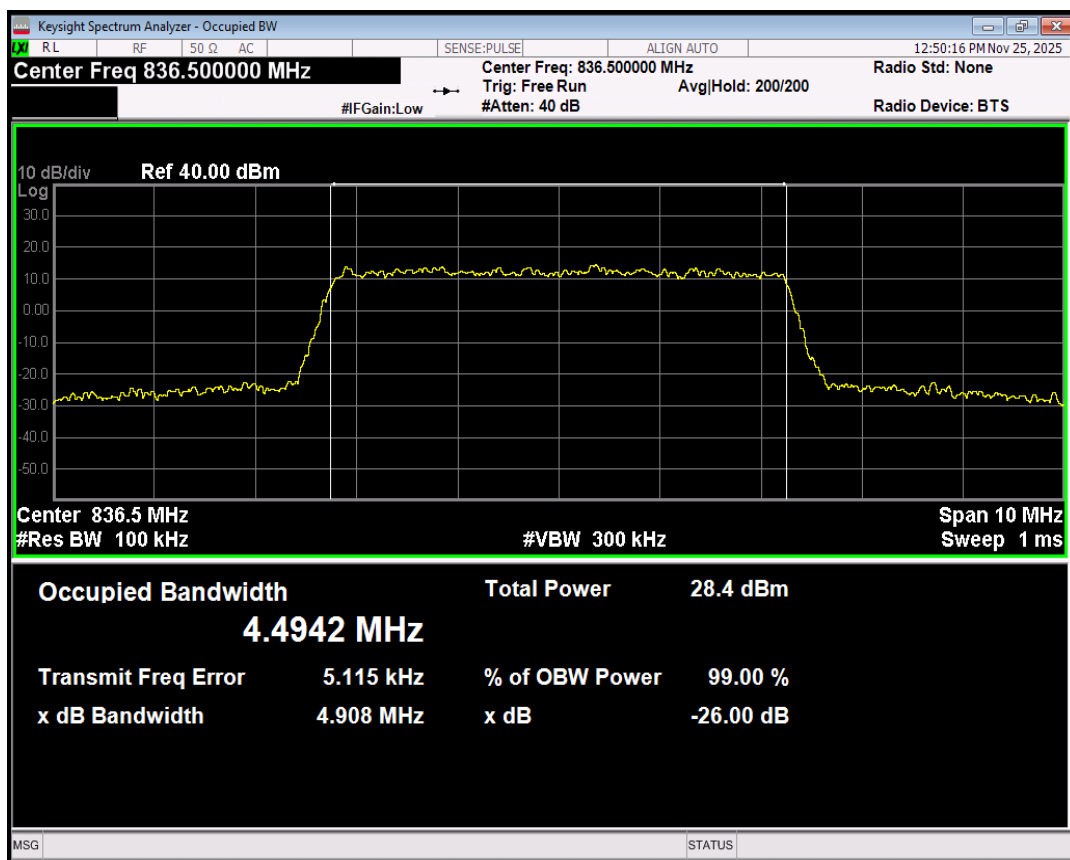
Band5 16QAM BW=3MHz Channel=20525 RB Size=15 Position=#0



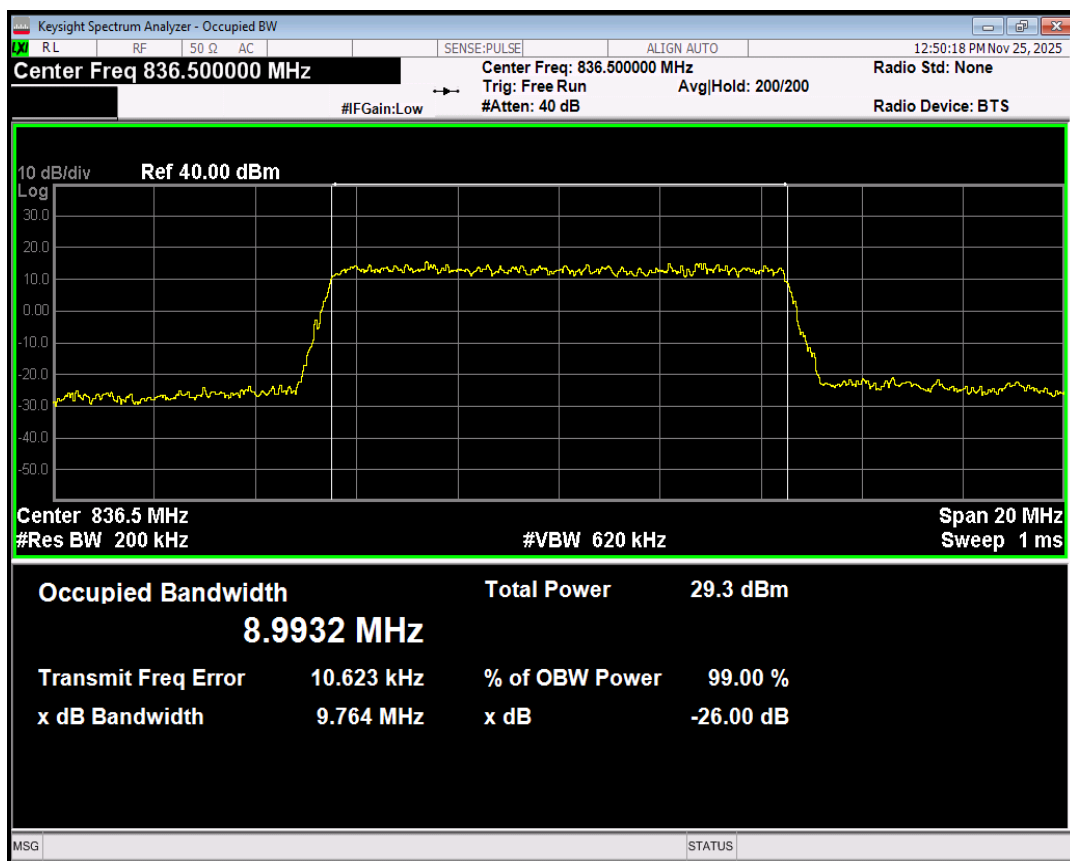
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



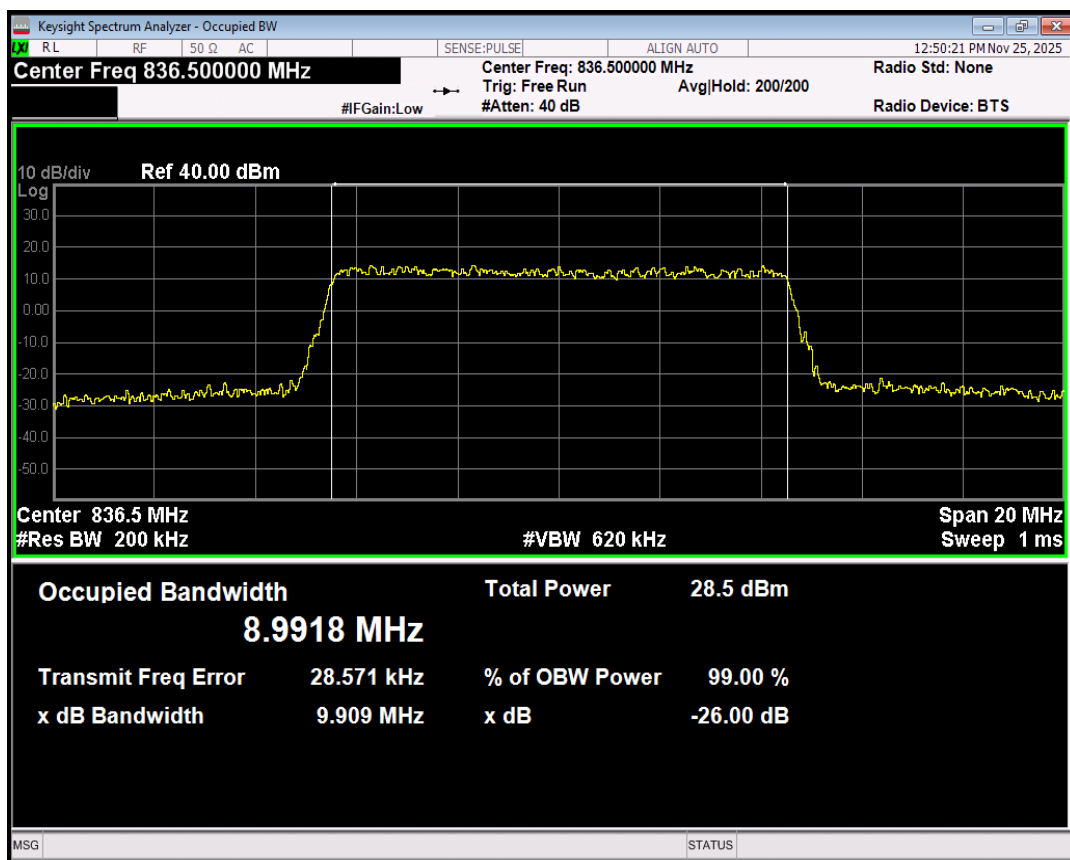
Band5 16QAM BW=5MHz Channel=20525 RB Size=25 Position=#0



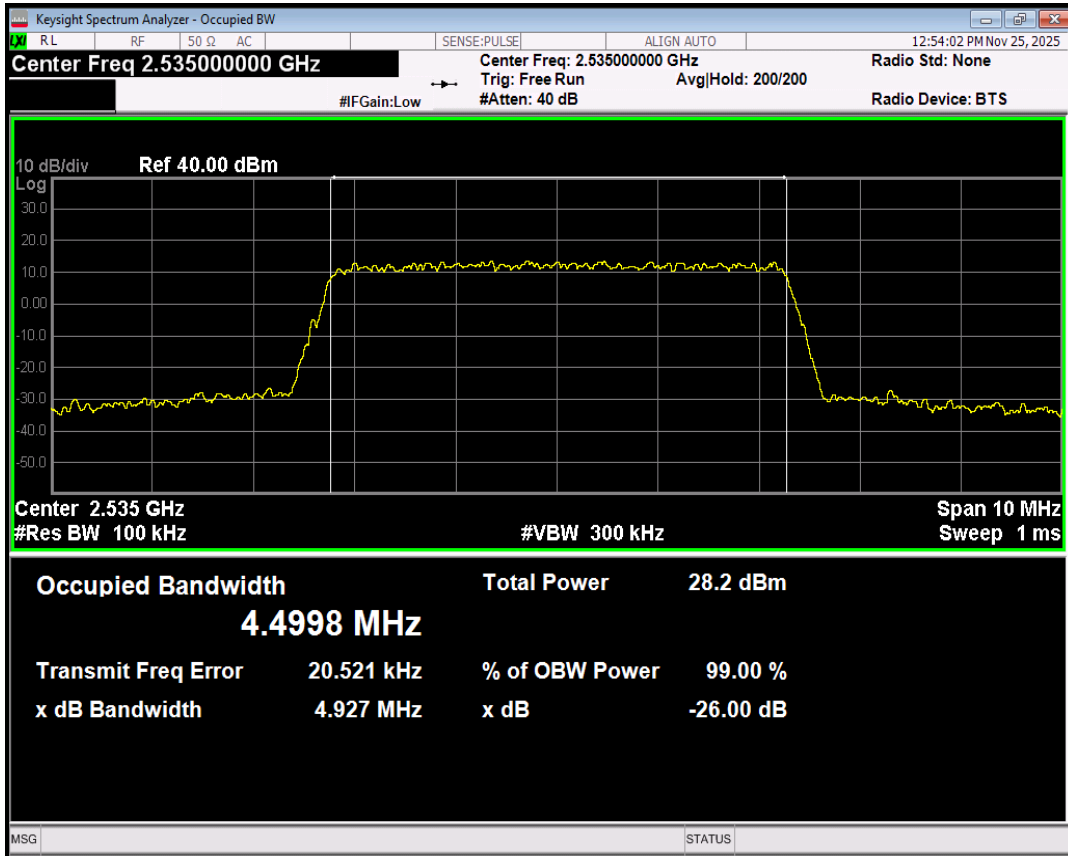
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



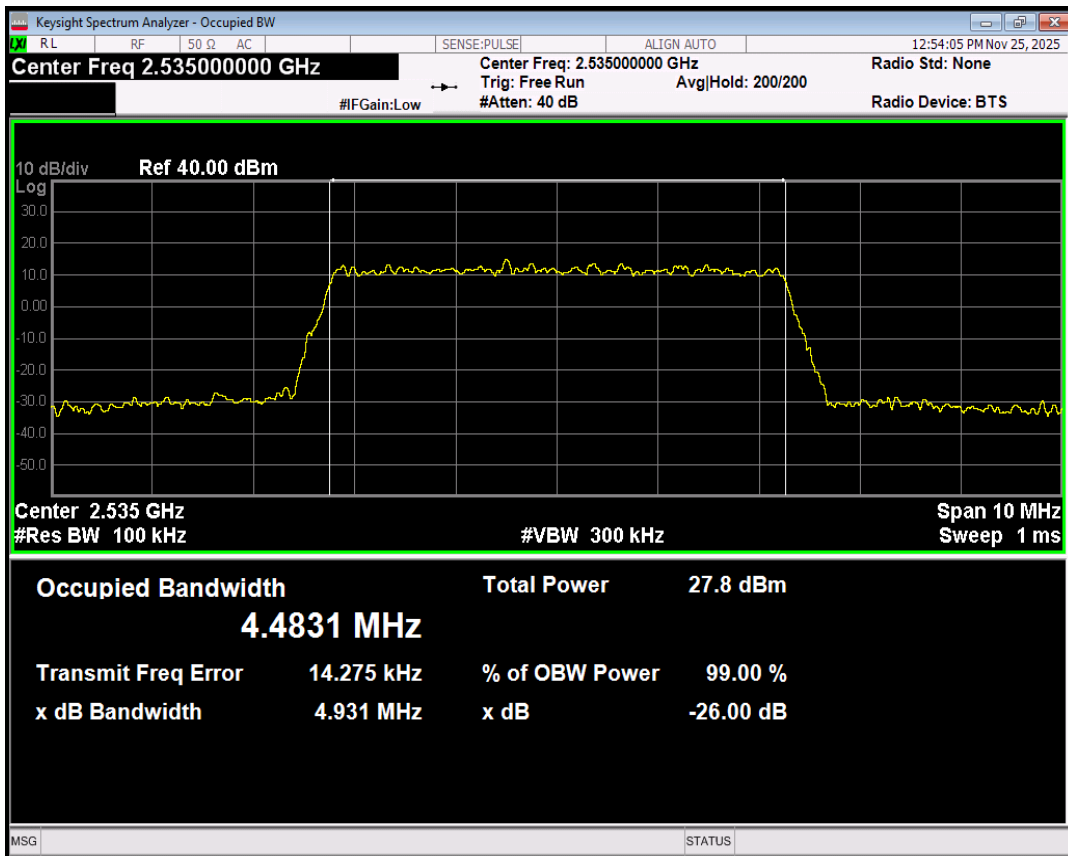
Band5 16QAM BW=10MHz Channel=20525 RB Size=50 Position=#0



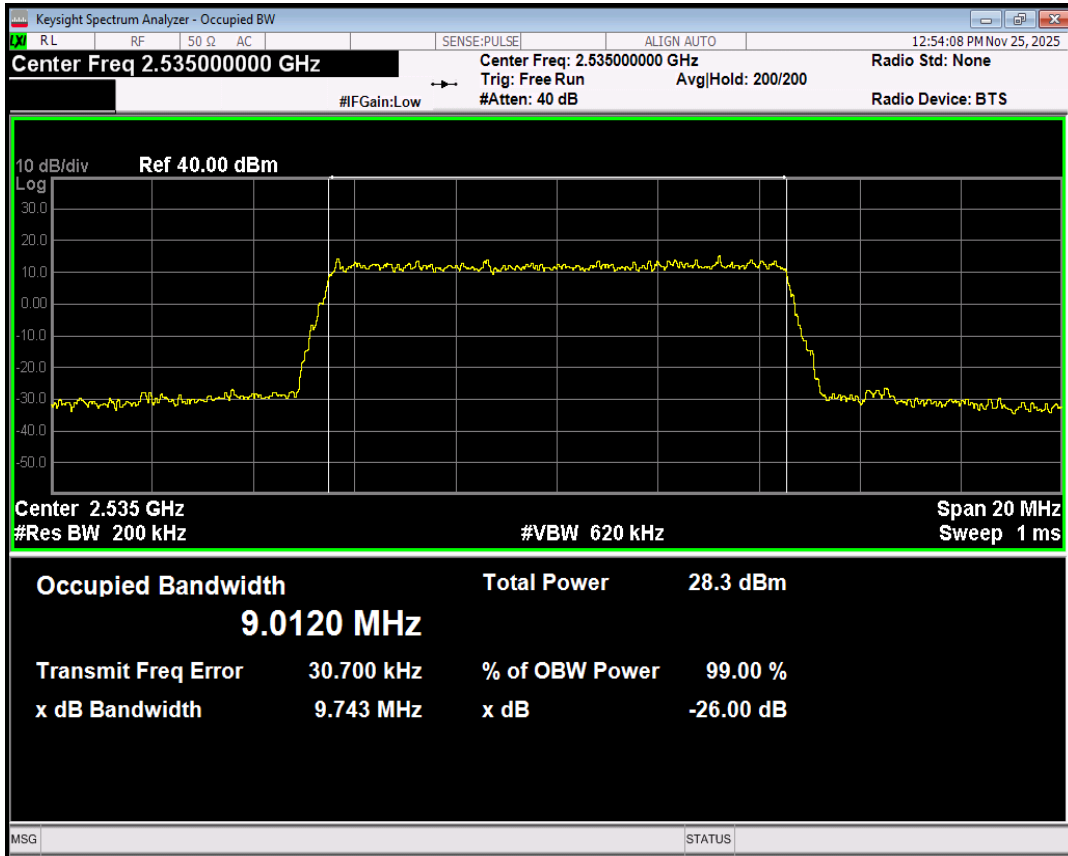
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



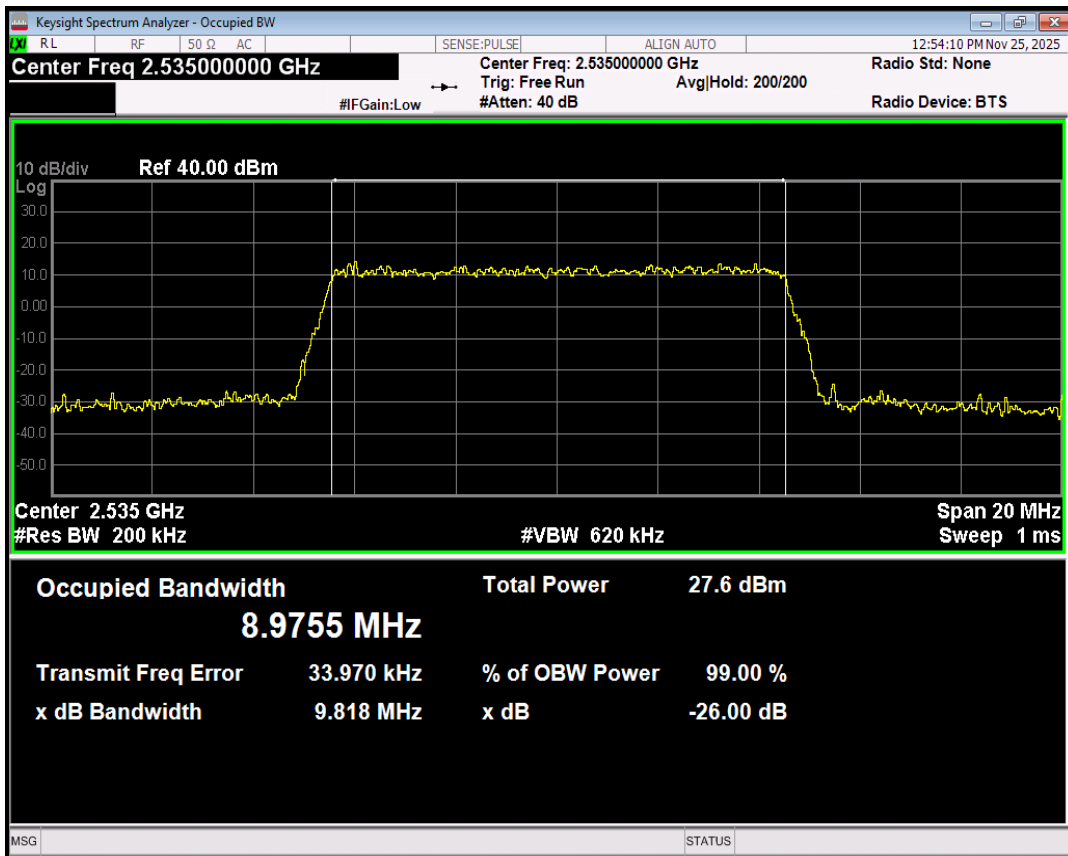
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



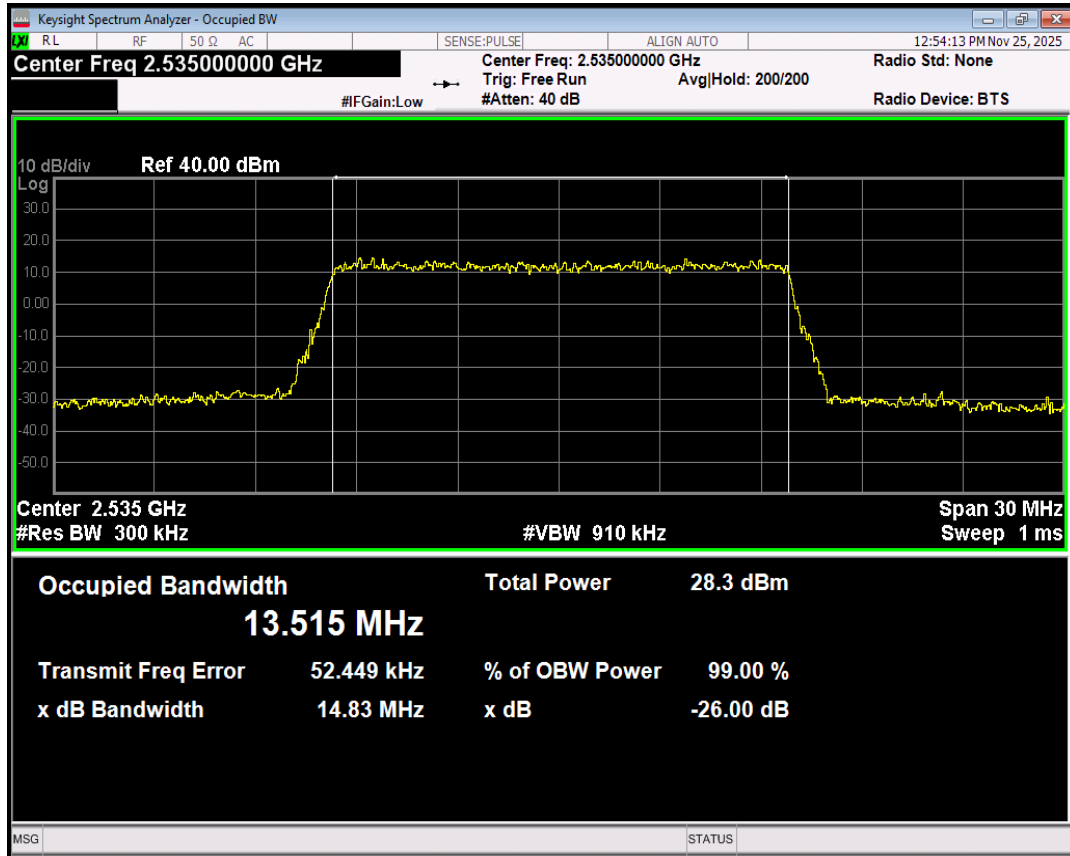
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



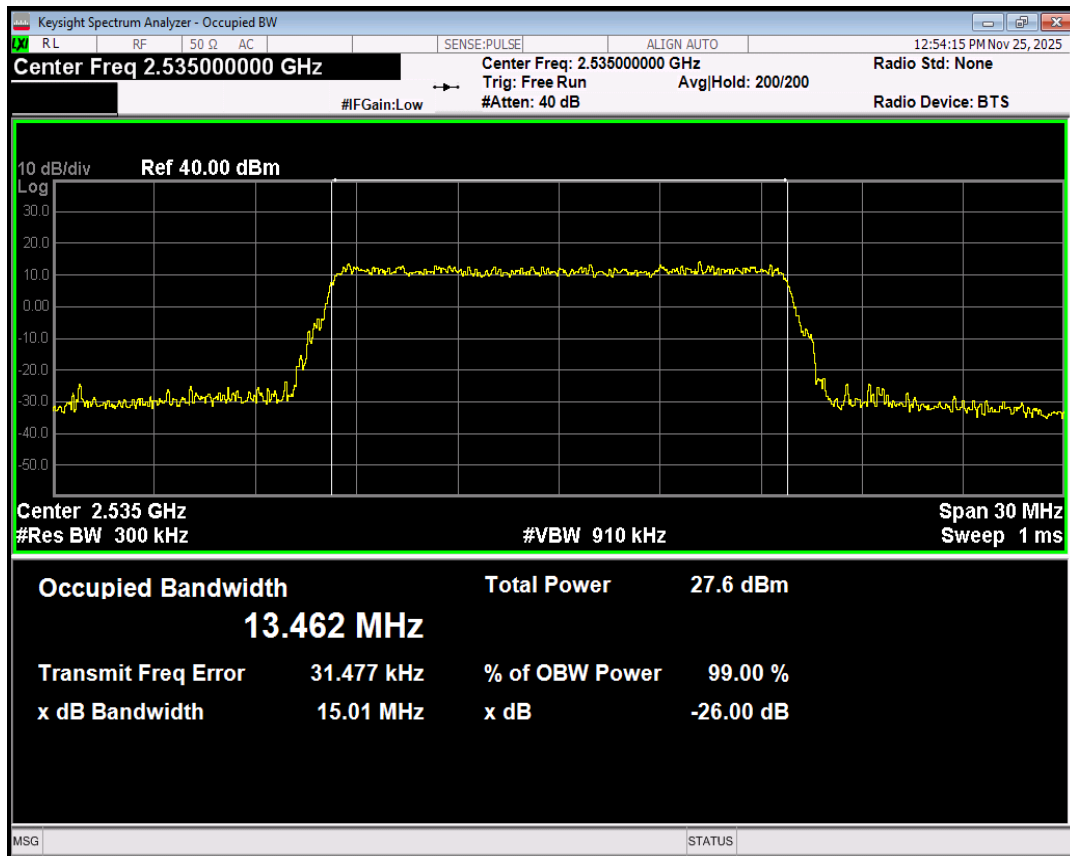
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



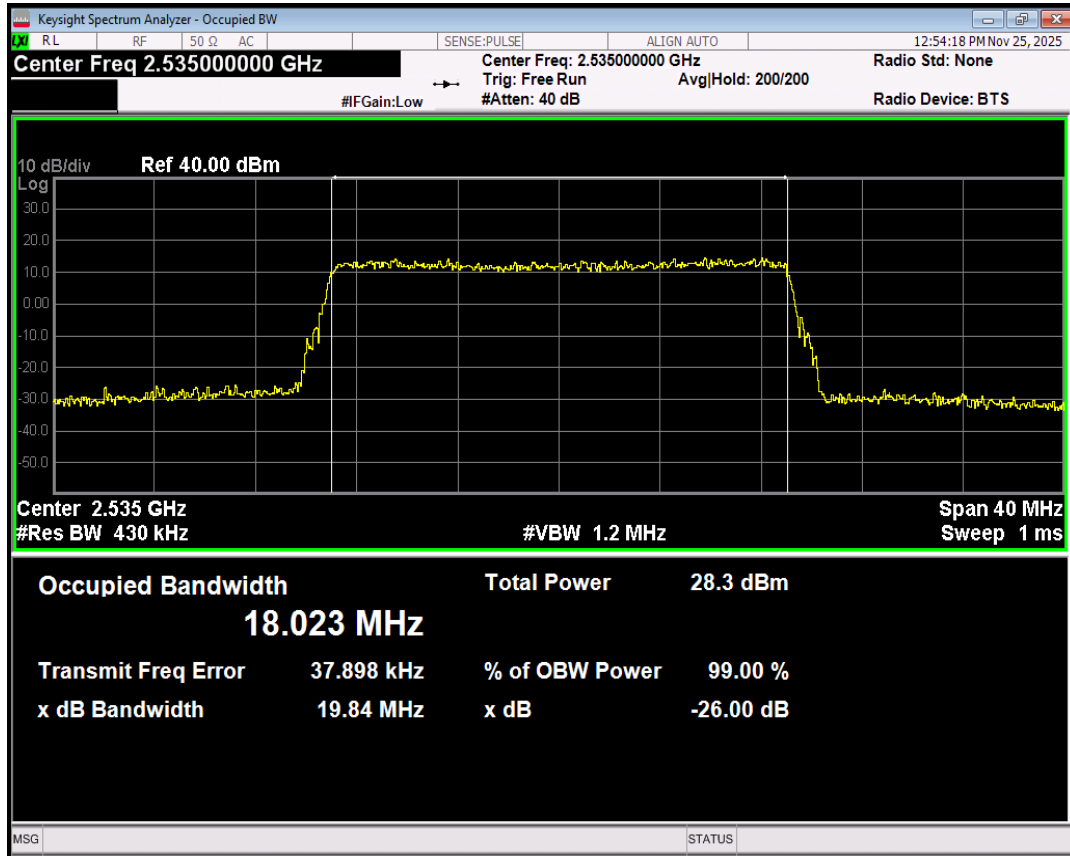
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



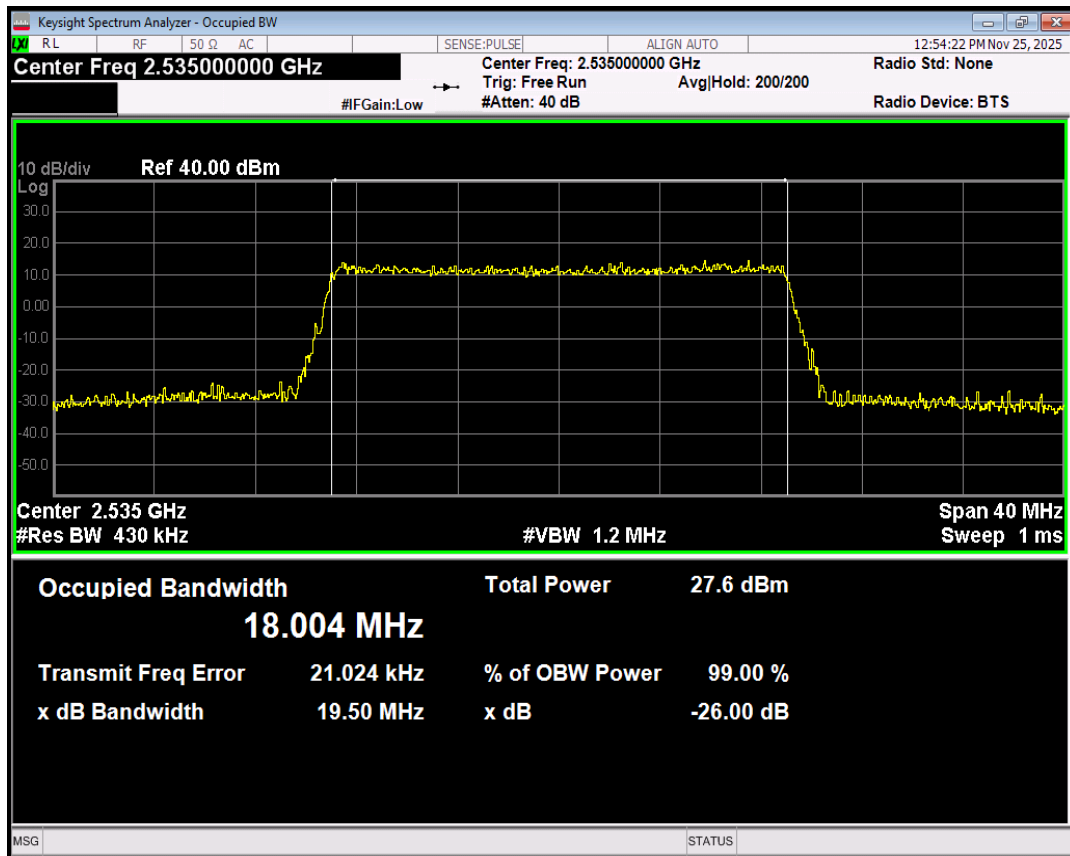
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



05 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	1	#0	QPSK	699.00	-25.19	-13	PASS
Band12	1.4	23017	1	#Max	QPSK	700.17	14.85	30	PASS
Band12	1.4	23017	6	#0	QPSK	698.94	-29.99	-13	PASS
Band12	1.4	23017	1	#0	16QAM	699.00	-21.78	-13	PASS
Band12	1.4	23017	1	#Max	16QAM	700.15	13.68	30	PASS
Band12	1.4	23017	6	#0	16QAM	698.89	-31.13	-13	PASS
Band12	1.4	23173	1	#0	QPSK	714.83	14.40	30	PASS
Band12	1.4	23173	1	#Max	QPSK	716.01	-22.44	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.17	-23.77	-13	PASS
Band12	1.4	23173	1	#0	16QAM	716.65	-28.14	-13	PASS
Band12	1.4	23173	1	#Max	16QAM	716.00	-21.84	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.20	-29.70	-13	PASS
Band12	3	23025	1	#0	QPSK	698.99	-15.52	-13	PASS
Band12	3	23025	1	#Max	QPSK	701.72	14.53	30	PASS
Band12	3	23025	15	#0	QPSK	699.00	-25.65	-13	PASS
Band12	3	23025	1	#0	16QAM	699.00	-16.08	-13	PASS
Band12	3	23025	1	#Max	16QAM	701.74	13.18	30	PASS
Band12	3	23025	15	#0	16QAM	698.99	-27.64	-13	PASS
Band12	3	23165	1	#0	QPSK	713.26	14.36	30	PASS
Band12	3	23165	1	#Max	QPSK	716.00	-14.45	-13	PASS
Band12	3	23165	15	#0	QPSK	716.00	-25.48	-13	PASS
Band12	3	23165	1	#0	16QAM	713.20	13.64	30	PASS
Band12	3	23165	1	#Max	16QAM	716.01	-15.42	-13	PASS
Band12	3	23165	15	#0	16QAM	716.01	-27.18	-13	PASS
Band12	5	23035	1	#0	QPSK	698.99	-23.01	-13	PASS
Band12	5	23035	1	#Max	QPSK	703.62	14.54	30	PASS
Band12	5	23035	25	#0	QPSK	698.86	-32.99	-13	PASS
Band12	5	23035	1	#0	16QAM	699.00	-22.76	-13	PASS
Band12	5	23035	1	#Max	16QAM	703.65	13.47	30	PASS
Band12	5	23035	25	#0	16QAM	698.84	-31.70	-13	PASS
Band12	5	23155	1	#0	QPSK	711.31	14.75	30	PASS
Band12	5	23155	1	#Max	QPSK	716.00	-22.34	-13	PASS
Band12	5	23155	25	#0	QPSK	716.12	-30.71	-13	PASS
Band12	5	23155	1	#0	16QAM	711.36	13.76	30	PASS
Band12	5	23155	1	#Max	16QAM	716.00	-22.63	-13	PASS
Band12	5	23155	25	#0	16QAM	716.12	-34.34	-13	PASS
Band12	10	23060	1	#0	QPSK	699.60	16.10	30	PASS
Band12	10	23060	1	#Max	QPSK	708.39	15.96	30	PASS
Band12	10	23060	50	#0	QPSK	698.89	-33.85	-13	PASS
Band12	10	23060	1	#0	16QAM	699.53	15.07	30	PASS
Band12	10	23060	1	#Max	16QAM	708.39	15.47	30	PASS
Band12	10	23060	50	#0	16QAM	698.73	-37.43	-13	PASS